

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
 Data File : BN029510.D
 Acq On : 05 Feb 2024 16:22
 Operator : MA/JU
 Sample : P1347-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20240201

Quant Time: Feb 05 17:12:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 01:51:59 2024
 Response via : Initial Calibration

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

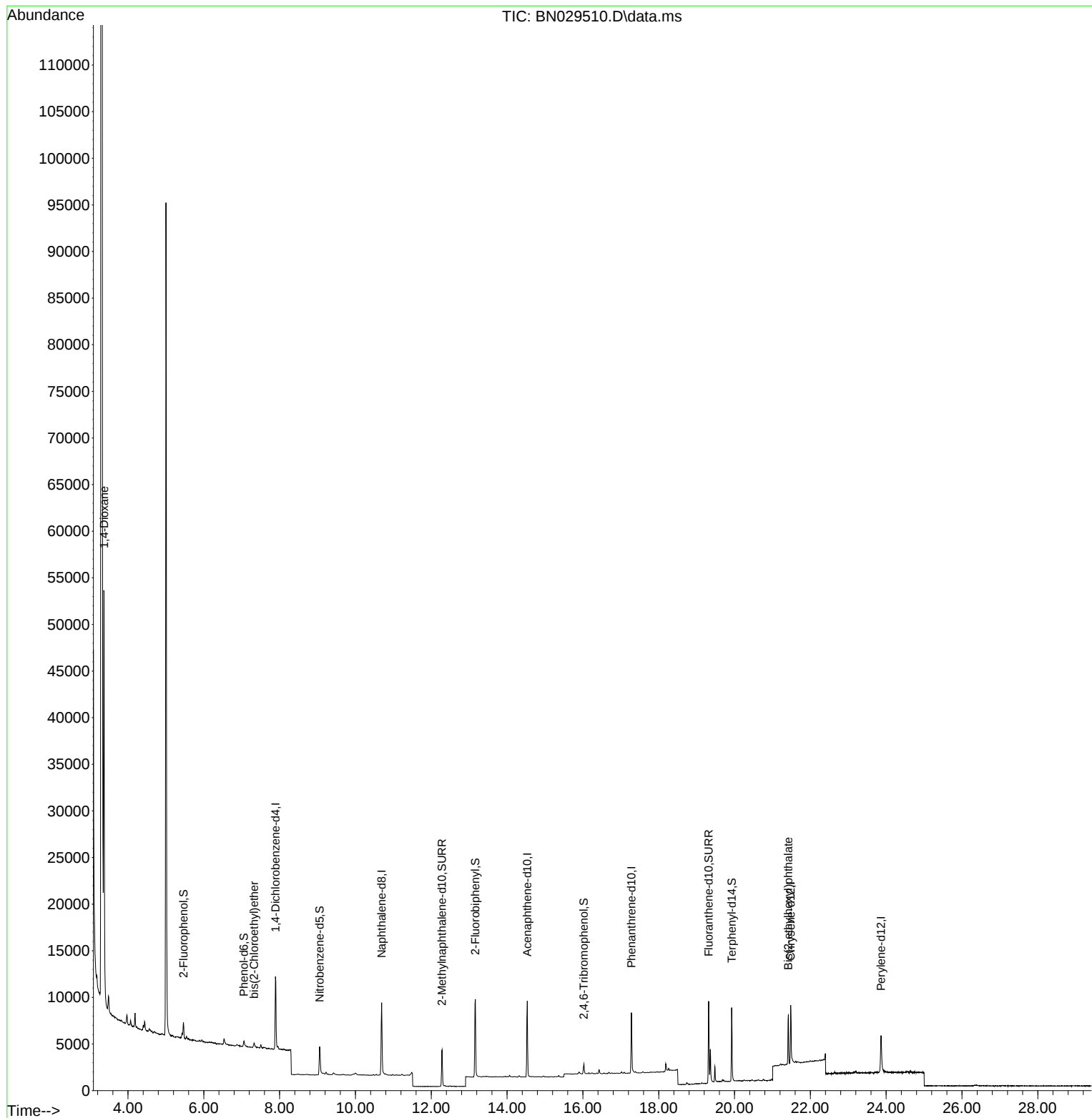
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.890	152	3939	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	10728	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4708	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	8814	0.400	ng	0.00
29) Chrysene-d12	21.483	240	6673	0.400	ng	0.00
35) Perylene-d12	23.864	264	6536	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	1367	0.144	ng	0.00
5) Phenol-d6	7.060	99	836	0.077	ng	0.00
8) Nitrobenzene-d5	9.057	82	3237	0.362	ng	0.00
11) 2-Methylnaphthalene-d10	12.284	152	5662	0.388	ng	0.00
14) 2,4,6-Tribromophenol	16.026	330	597	0.395	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	8161	0.404	ng	0.00
27) Fluoranthene-d10	19.317	212	9795	0.459	ng	0.00
31) Terphenyl-d14	19.926	244	7900	0.477	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.369	88	26950	4.860	ng	99
6) bis(2-Chloroethyl)ether	7.327	93	504	0.048	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.420	149	5459	0.351	ng	# 97

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

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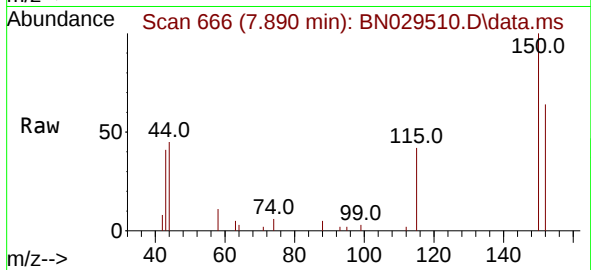
Quant Time: Feb 05 17:12:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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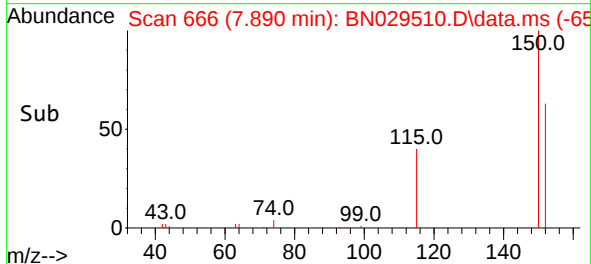
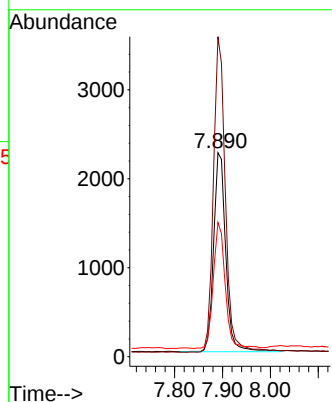


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.890 min Scan# 6
 Delta R.T. -0.008 min
 Lab File: BN029510.D
 Acq: 05 Feb 2024 16:22

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20240201

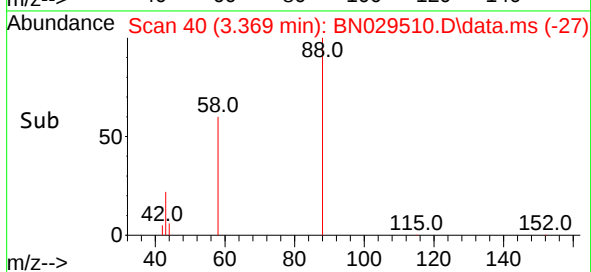
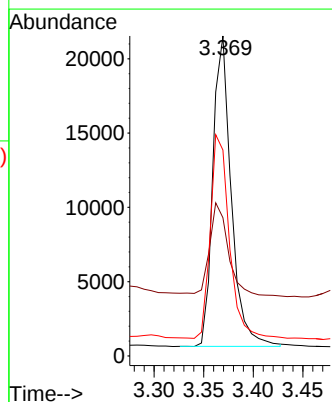
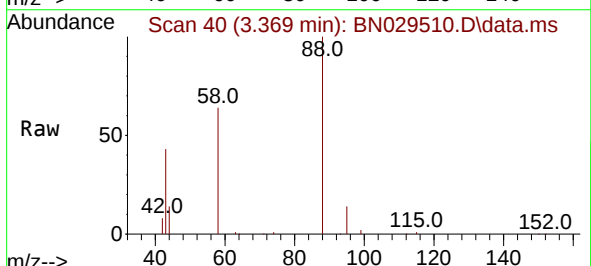


Tgt Ion:152 Resp: 3939
 Ion Ratio Lower Upper
 152 100
 150 156.9 123.0 184.4
 115 65.8 51.4 77.0



#2
 1,4-Dioxane
 Concen: 4.860 ng
 RT: 3.369 min Scan# 40
 Delta R.T. -0.007 min
 Lab File: BN029510.D
 Acq: 05 Feb 2024 16:22

Tgt Ion: 88 Resp: 26950
 Ion Ratio Lower Upper
 88 100
 43 30.8 23.3 34.9
 58 67.3 53.8 80.6

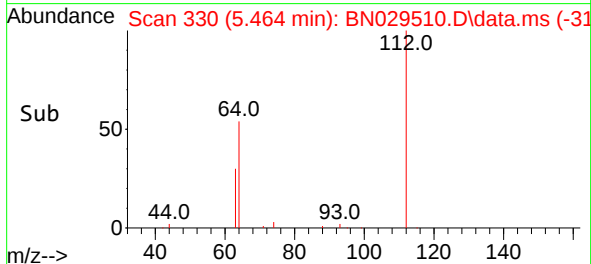
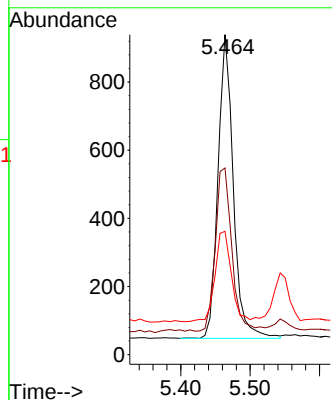
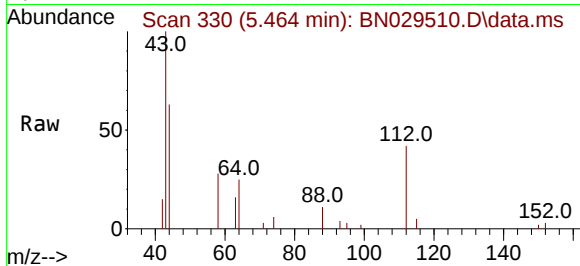




#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.464 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN029510.D
Acq: 05 Feb 2024 16:22

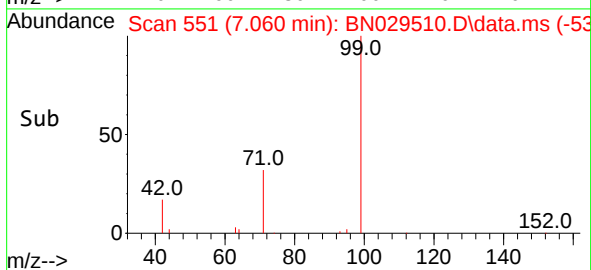
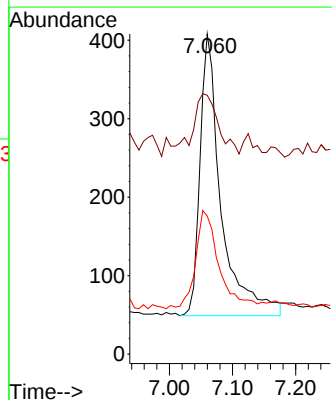
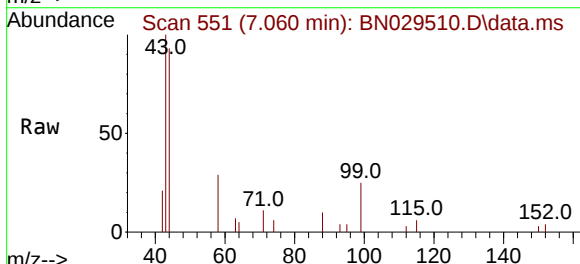
Instrument :
BNA_N
ClientSampleId :
SP-100-20240201

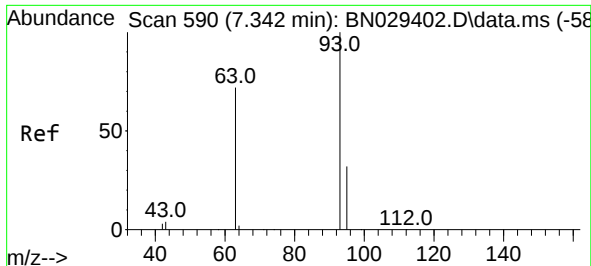
Tgt Ion:112 Resp: 1367
Ion Ratio Lower Upper
112 100
64 57.9 47.2 70.8
63 31.5 25.8 38.6



#5
Phenol-d6
Concen: 0.077 ng
RT: 7.060 min Scan# 551
Delta R.T. -0.000 min
Lab File: BN029510.D
Acq: 05 Feb 2024 16:22

Tgt Ion: 99 Resp: 836
Ion Ratio Lower Upper
99 100
42 25.4 16.9 25.3#
71 39.2 30.0 45.0

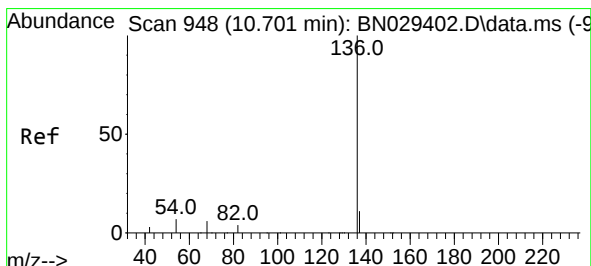
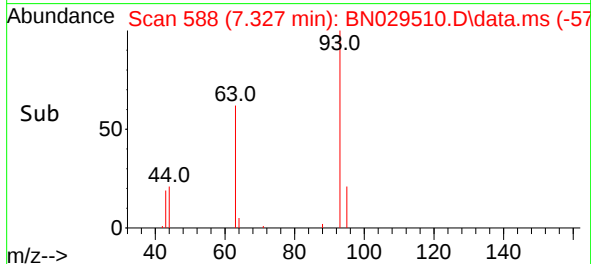
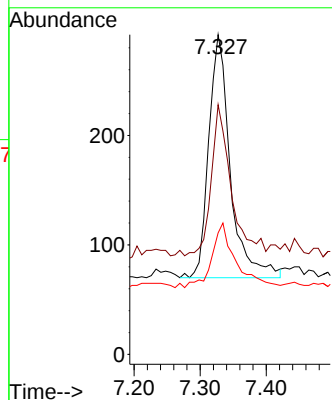
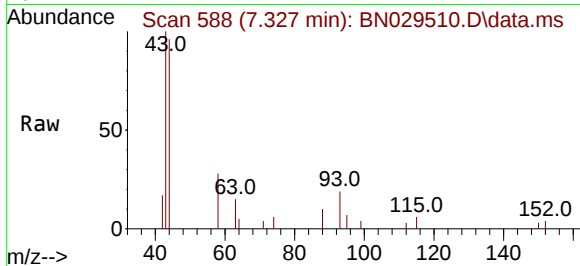




#6
bis(2-Chloroethyl)ether
Concen: 0.048 ng
RT: 7.327 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN029510.D
Acq: 05 Feb 2024 16:22

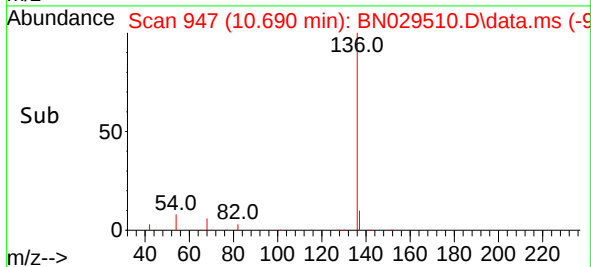
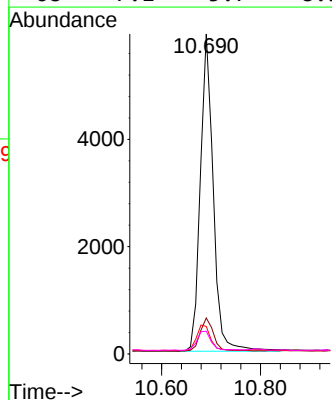
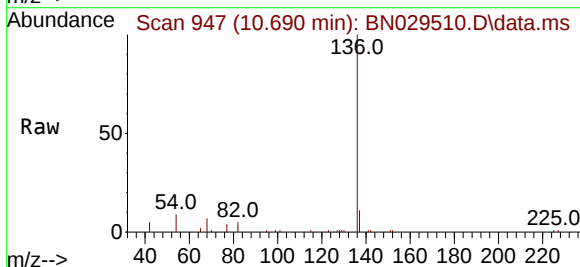
Instrument :
BNA_N
ClientSampleId :
SP-100-20240201

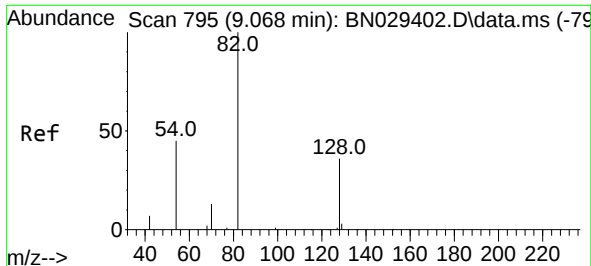
Tgt Ion: 93 Resp: 504
Ion Ratio Lower Upper
93 100
63 58.7 63.1 94.7#
95 29.6 27.1 40.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN029510.D
Acq: 05 Feb 2024 16:22

Tgt Ion:136 Resp: 10728
Ion Ratio Lower Upper
136 100
137 11.3 9.7 14.5
54 8.6 6.6 10.0
68 7.1 5.7 8.5

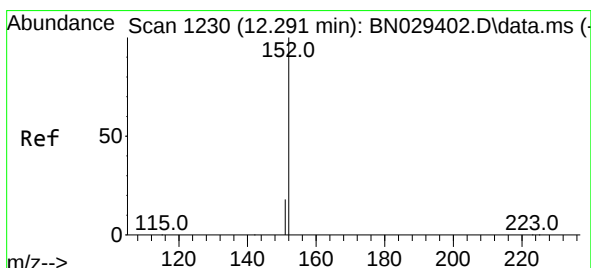
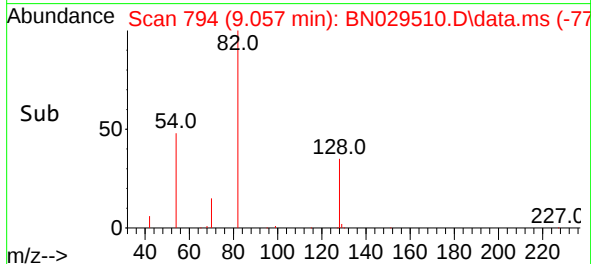
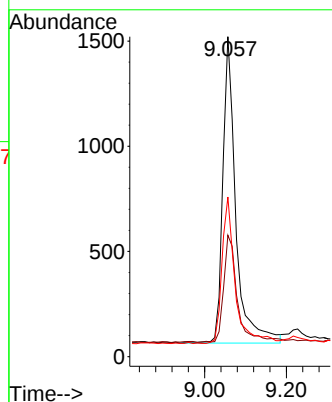
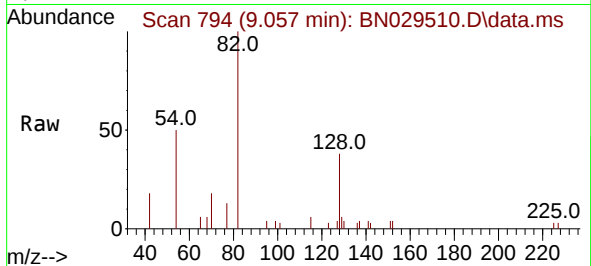




#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 9.057 min Scan# 794
Delta R.T. -0.000 min
Lab File: BN029510.D
Acq: 05 Feb 2024 16:22

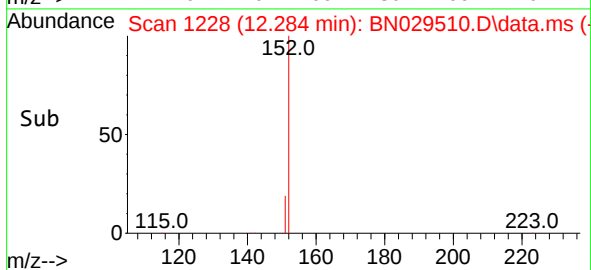
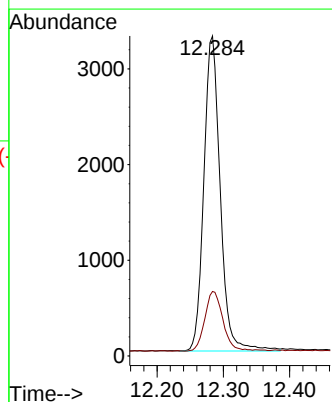
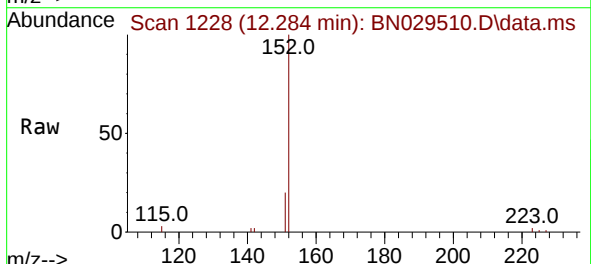
Instrument :
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ClientSampleId :
SP-100-20240201

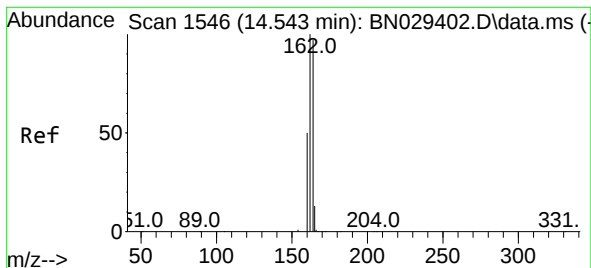
Tgt Ion: 82 Resp: 3237
Ion Ratio Lower Upper
82 100
128 37.9 31.6 47.4
54 49.9 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.284 min Scan# 1228
Delta R.T. -0.004 min
Lab File: BN029510.D
Acq: 05 Feb 2024 16:22

Tgt Ion:152 Resp: 5662
Ion Ratio Lower Upper
152 100
151 20.9 17.1 25.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.532 min Scan# 1545

Delta R.T. -0.000 min

Lab File: BN029510.D

Acq: 05 Feb 2024 16:22

Instrument :

BNA_N

ClientSampleId :

SP-100-20240201

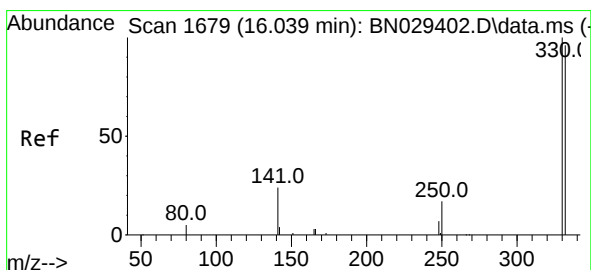
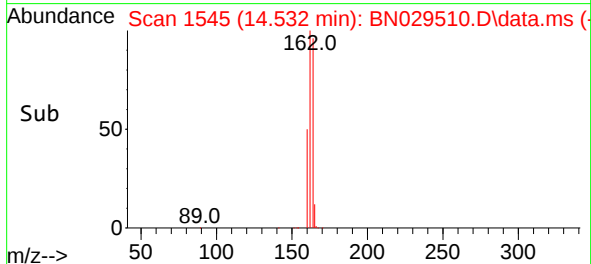
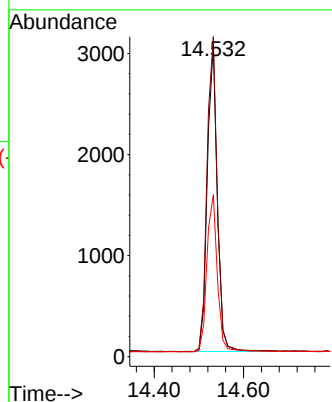
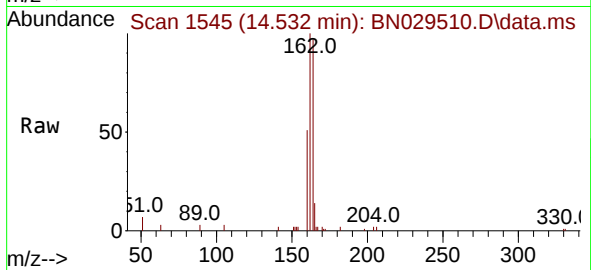
Tgt Ion:164 Resp: 4708

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

160 52.0 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.395 ng

RT: 16.026 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BN029510.D

Acq: 05 Feb 2024 16:22

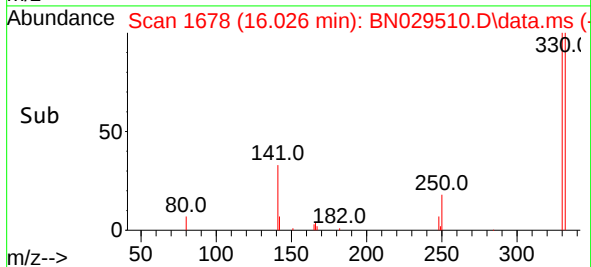
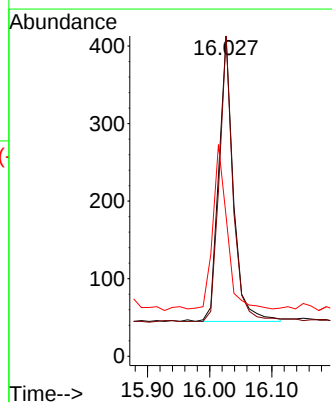
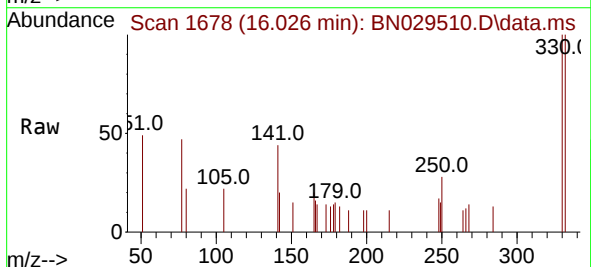
Tgt Ion:330 Resp: 597

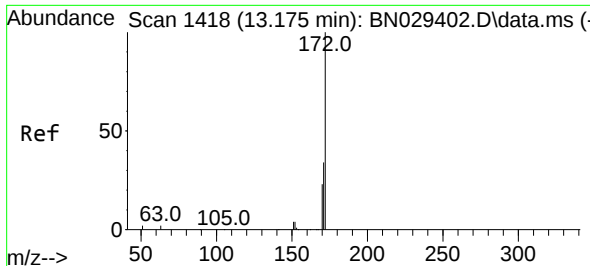
Ion Ratio Lower Upper

330 100

332 93.8 76.0 114.0

141 55.8 43.4 65.2

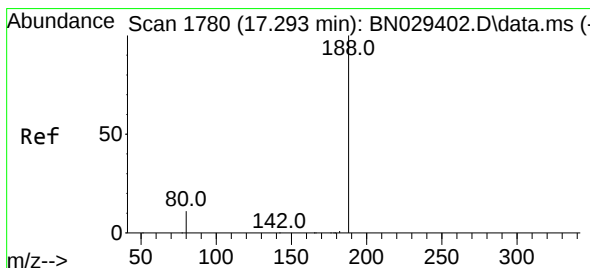
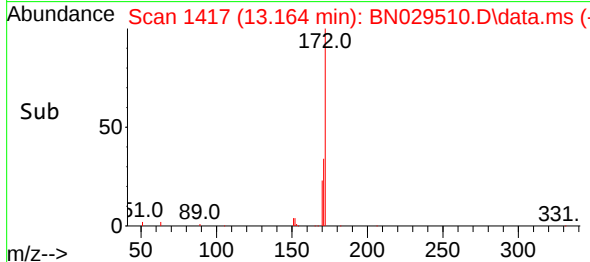
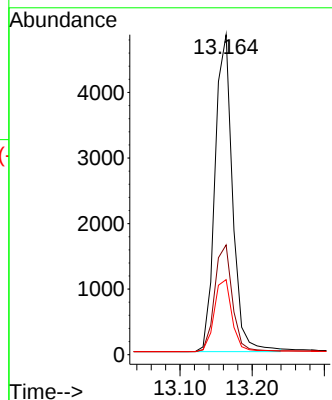
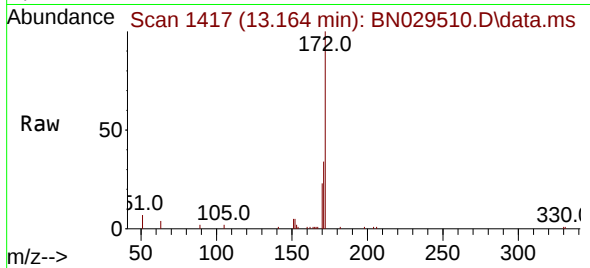




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.164 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BN029510.D
Acq: 05 Feb 2024 16:22

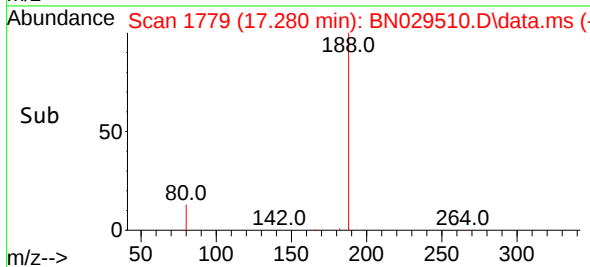
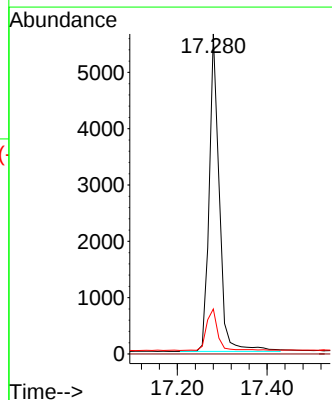
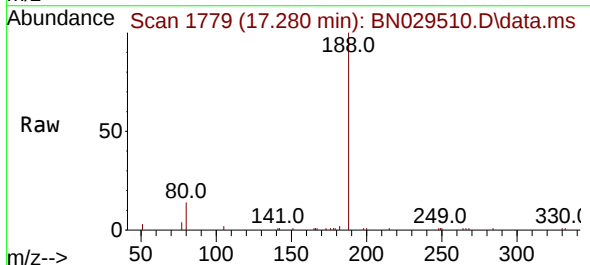
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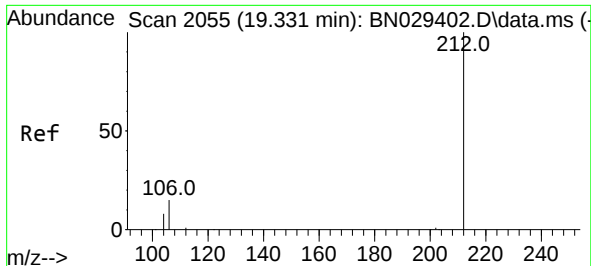
Tgt Ion:172 Resp: 8161
Ion Ratio Lower Upper
172 100
171 34.3 28.0 42.0
170 23.4 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BN029510.D
Acq: 05 Feb 2024 16:22

Tgt Ion:188 Resp: 8814
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 10.0 15.0

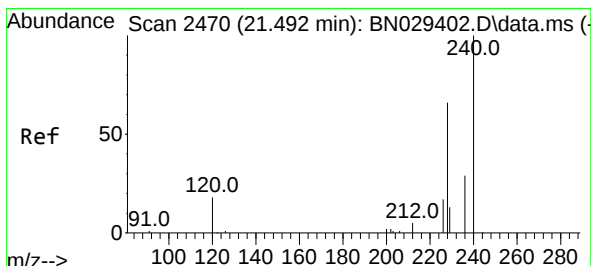
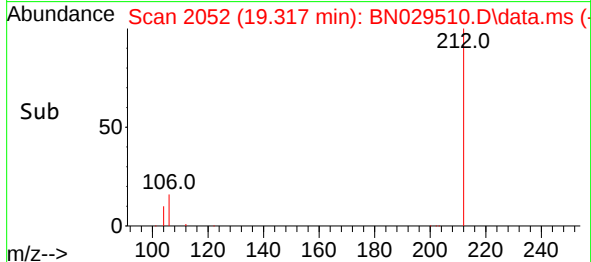
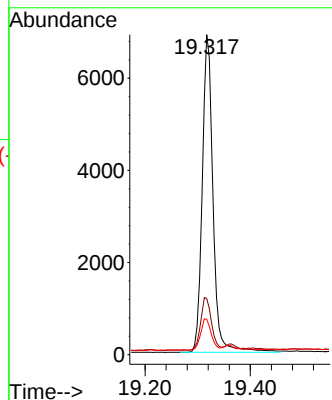
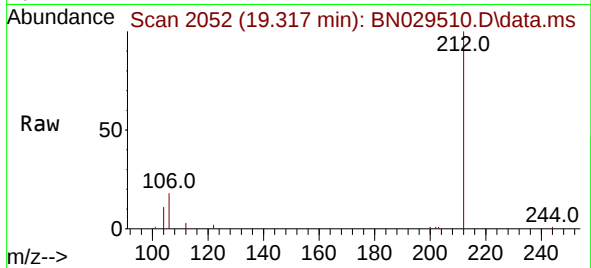




#27
Fluoranthene-d10
Concen: 0.459 ng
RT: 19.317 min Scan# 2052
Delta R.T. -0.005 min
Lab File: BN029510.D
Acq: 05 Feb 2024 16:22

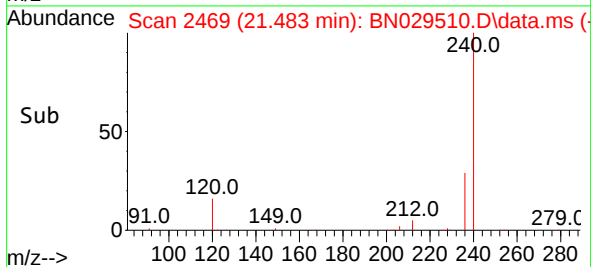
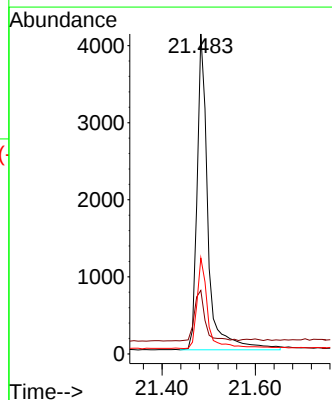
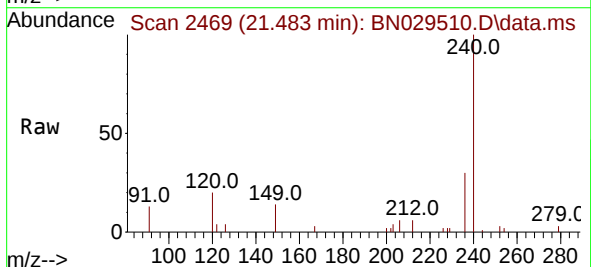
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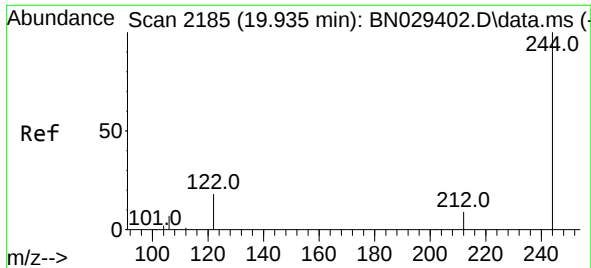
Tgt Ion:212 Resp: 9795
Ion Ratio Lower Upper
212 100
106 16.6 13.2 19.8
104 9.6 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.483 min Scan# 2469
Delta R.T. -0.009 min
Lab File: BN029510.D
Acq: 05 Feb 2024 16:22

Tgt Ion:240 Resp: 6673
Ion Ratio Lower Upper
240 100
120 19.9 16.7 25.1
236 30.0 23.9 35.9

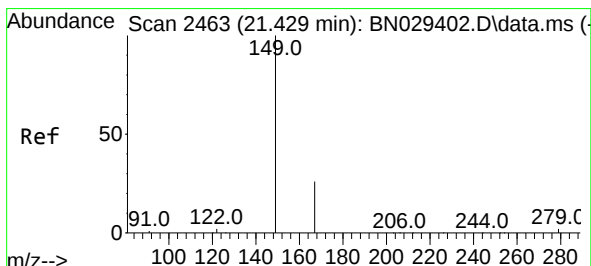
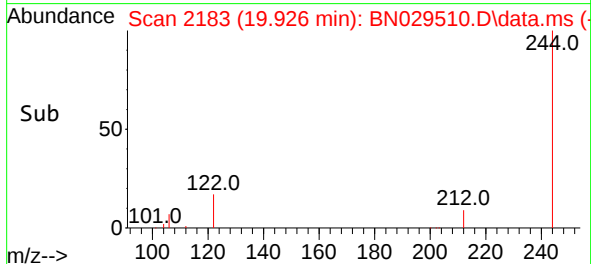
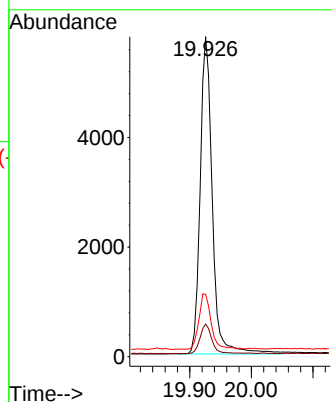
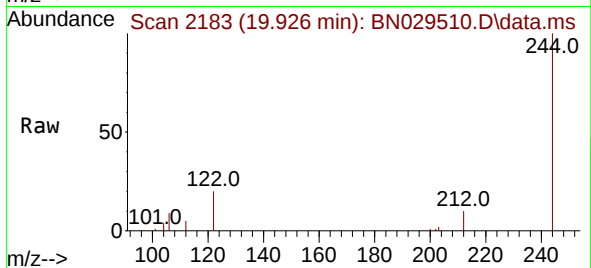




#31
Terphenyl-d14
Concen: 0.477 ng
RT: 19.926 min Scan# 2183
Delta R.T. -0.005 min
Lab File: BN029510.D
Acq: 05 Feb 2024 16:22

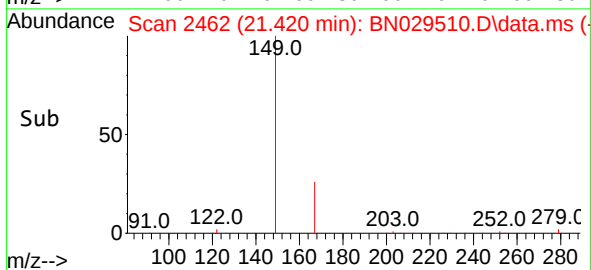
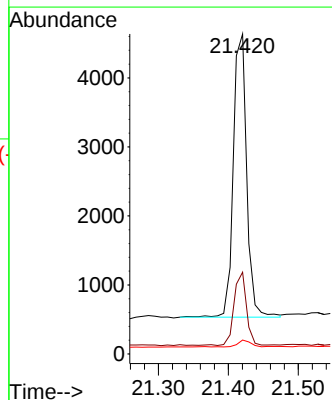
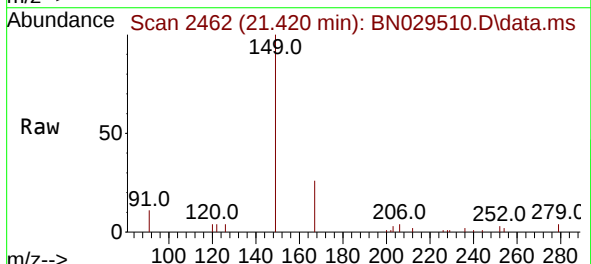
Instrument :
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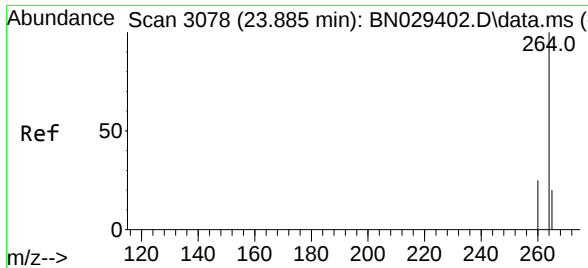
Tgt Ion:244 Resp: 7900
Ion Ratio Lower Upper
244 100
212 10.2 8.2 12.4
122 19.5 15.6 23.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.351 ng
RT: 21.420 min Scan# 2462
Delta R.T. -0.000 min
Lab File: BN029510.D
Acq: 05 Feb 2024 16:22

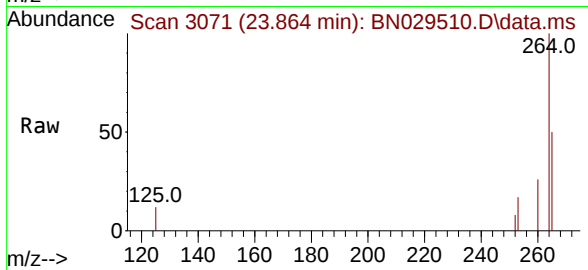
Tgt Ion:149 Resp: 5459
Ion Ratio Lower Upper
149 100
167 23.8 20.1 30.1
279 2.4 2.5 3.7#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.864 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN029510.D
Acq: 05 Feb 2024 16:22

Instrument :
BNA_N
ClientSampleId :
SP-100-20240201



Tgt Ion:264 Resp: 6536
Ion Ratio Lower Upper
264 100
260 26.5 21.2 31.8
265 50.1 41.5 62.3

