

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111324\
 Data File : BN035076.D
 Acq On : 13 Nov 2024 21:01
 Operator : RC/JU
 Sample : P4773-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20241107

Quant Time: Nov 14 02:07:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 17:18:14 2024
 Response via : Initial Calibration

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

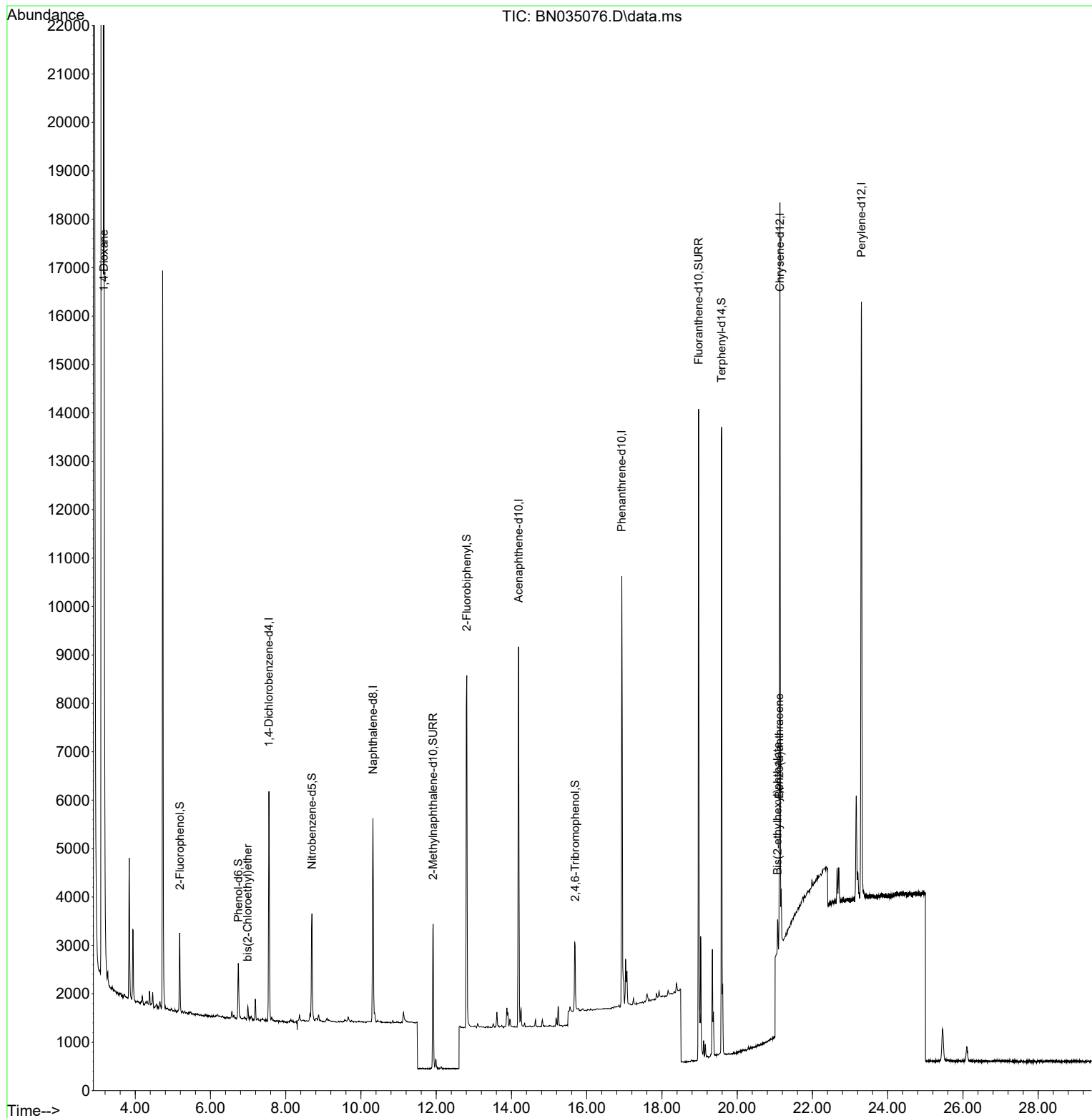
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	2300	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	5817	0.400	ng	0.00
13) Acenaphthene-d10	14.190	164	4551	0.400	ng	0.00
19) Phenanthrene-d10	16.932	188	12064	0.400	ng	# 0.00
29) Chrysene-d12	21.133	240	13393	0.400	ng	# 0.00
35) Perylene-d12	23.300	264	14946	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	1359	0.233	ng	0.00
5) Phenol-d6	6.744	99	1162	0.159	ng	0.00
8) Nitrobenzene-d5	8.696	82	2048	0.404	ng	0.00
11) 2-Methylnaphthalene-d10	11.916	152	4029	0.389	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	980	0.299	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	7036	0.381	ng	0.00
27) Fluoranthene-d10	18.973	212	15608	0.422	ng	0.00
31) Terphenyl-d14	19.587	244	12911	0.459	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.169	88	12154	5.818	ng	Qvalue 99
6) bis(2-Chloroethyl)ether	6.990	93	234	0.043	ng	94
32) Benzo(a)anthracene	21.116	228	954	0.020	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.071	149	819	0.033	ng	# 95

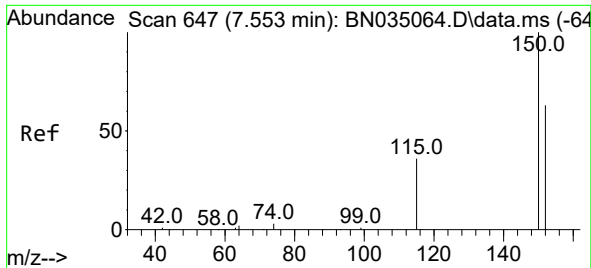
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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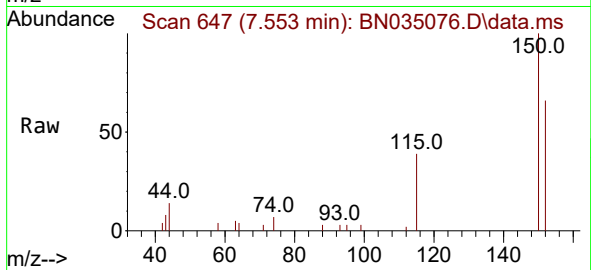
Quant Time: Nov 14 02:07:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
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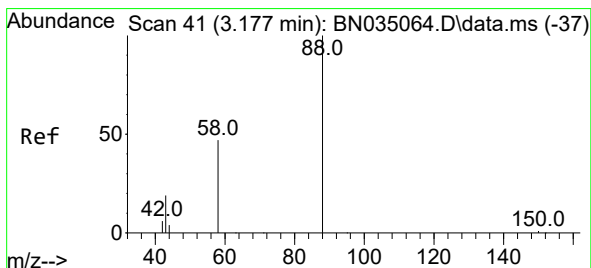
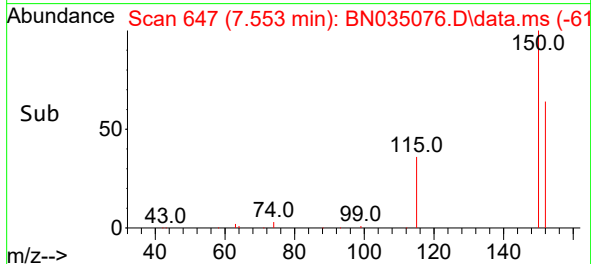
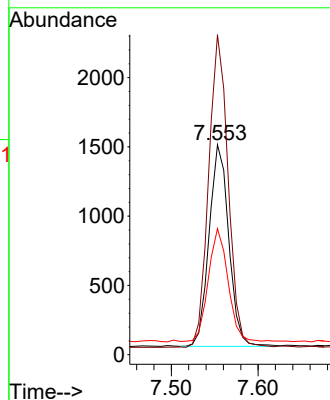


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.553 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN035076.D
 Acq: 13 Nov 2024 21:01

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20241107

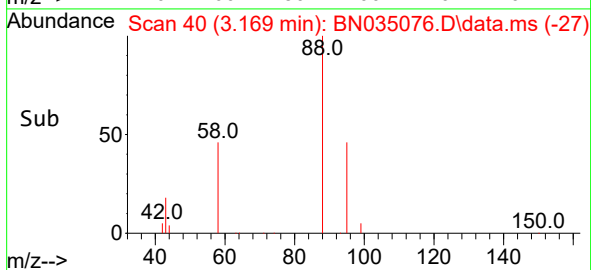
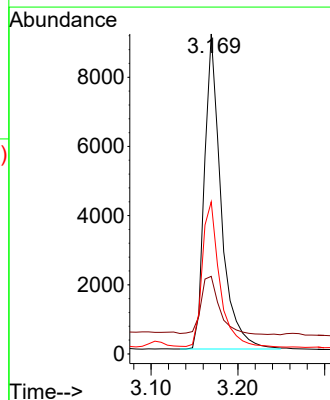
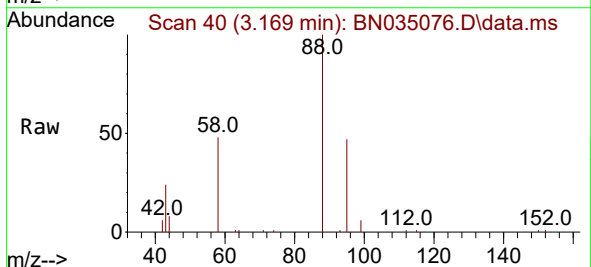


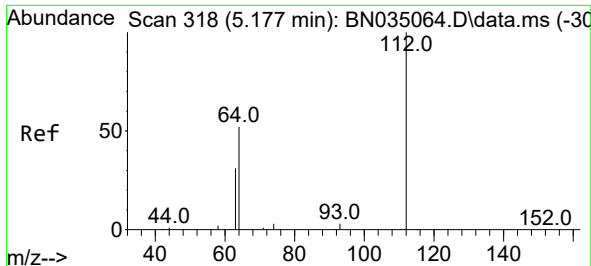
Tgt Ion: 152 Resp: 2300
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.5 186.7
 115 60.0 47.8 71.6



#2
 1,4-Dioxane
 Concen: 5.818 ng
 RT: 3.169 min Scan# 40
 Delta R.T. -0.007 min
 Lab File: BN035076.D
 Acq: 13 Nov 2024 21:01

Tgt Ion: 88 Resp: 12154
 Ion Ratio Lower Upper
 88 100
 43 20.4 16.9 25.3
 58 48.1 39.0 58.4

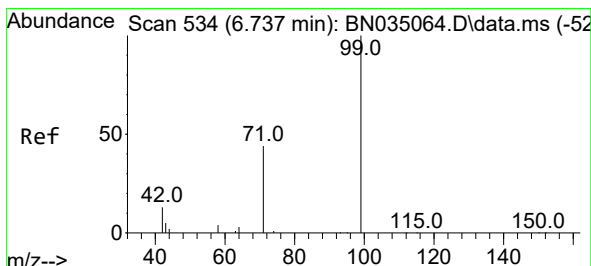
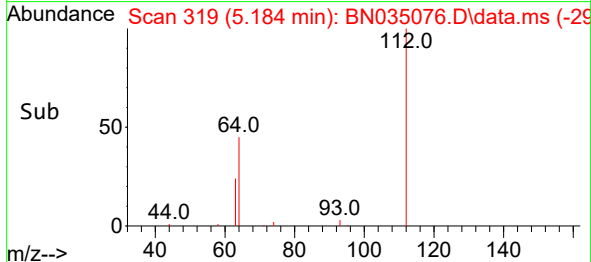
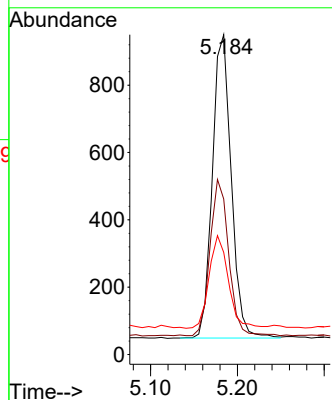
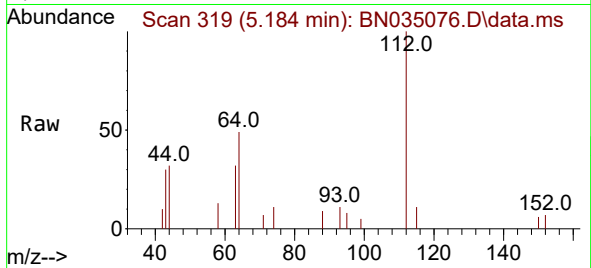




#4
2-Fluorophenol
Concen: 0.233 ng
RT: 5.184 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN035076.D
Acq: 13 Nov 2024 21:01

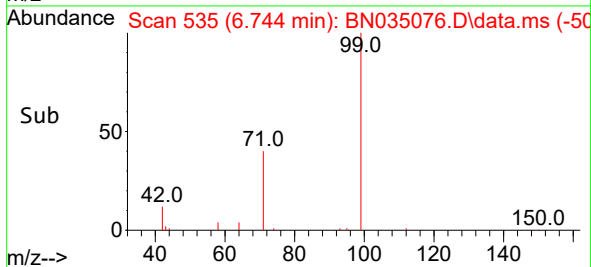
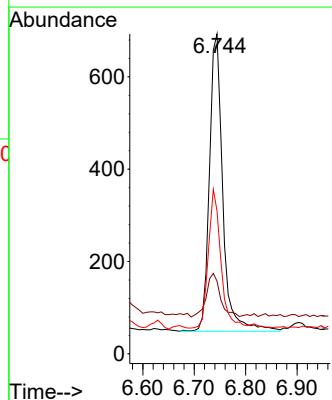
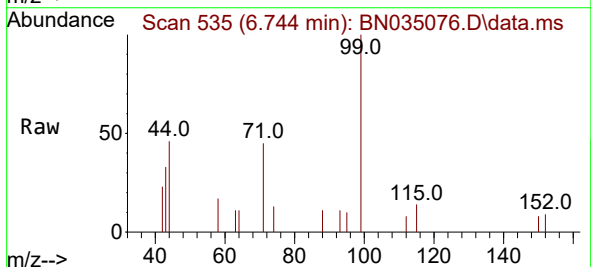
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241107

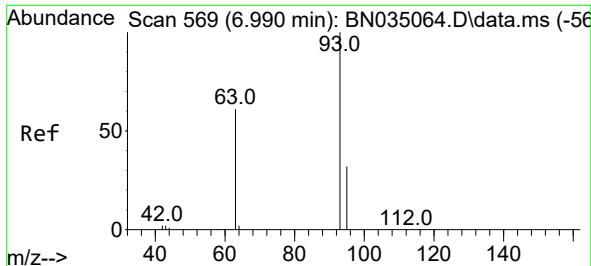
Tgt Ion:112 Resp: 1359
Ion Ratio Lower Upper
112 100
64 50.8 39.7 59.5
63 31.1 23.0 34.4



#5
Phenol-d6
Concen: 0.159 ng
RT: 6.744 min Scan# 535
Delta R.T. 0.007 min
Lab File: BN035076.D
Acq: 13 Nov 2024 21:01

Tgt Ion: 99 Resp: 1162
Ion Ratio Lower Upper
99 100
42 15.2 11.4 17.0
71 43.6 34.6 51.8

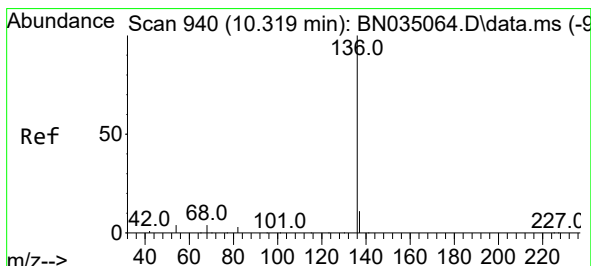
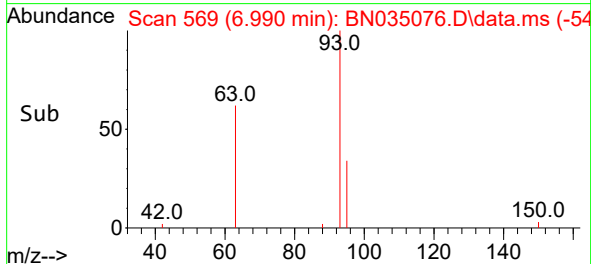
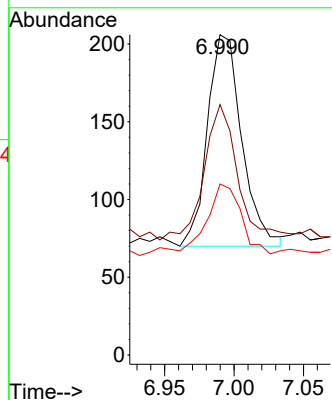
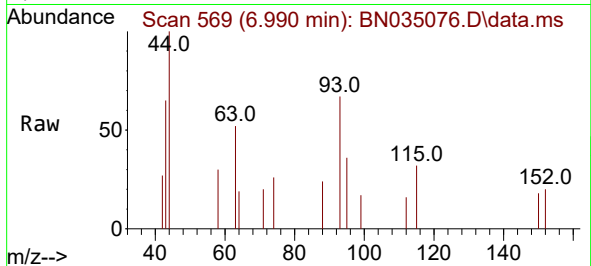




#6
bis(2-Chloroethyl)ether
Concen: 0.043 ng
RT: 6.990 min Scan# 569
Delta R.T. -0.000 min
Lab File: BN035076.D
Acq: 13 Nov 2024 21:01

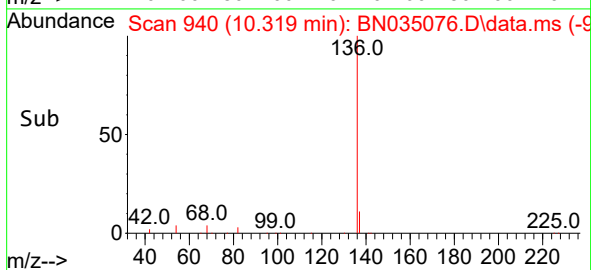
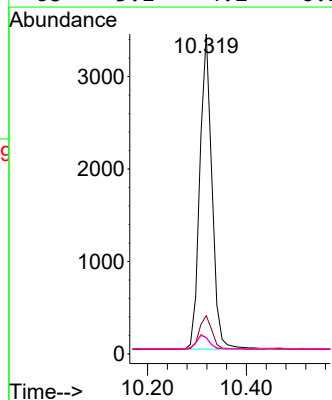
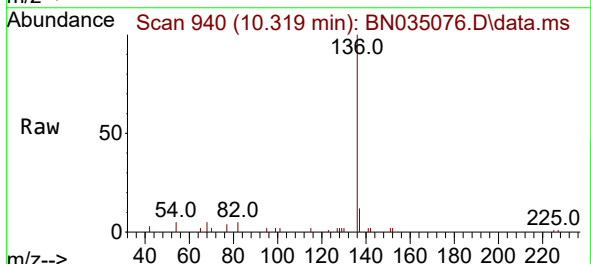
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241107

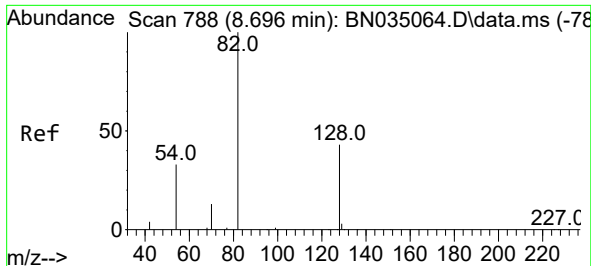
Tgt Ion: 93	Resp: 234
Ion Ratio	Lower Upper
93 100	
63 62.8	47.4 71.2
95 36.8	26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN035076.D
Acq: 13 Nov 2024 21:01

Tgt Ion:136	Resp:	5817
Ion Ratio	Lower	Upper
136 100		
137 11.9	9.8	14.8
54 5.1	4.0	6.0
68 5.1	4.2	6.2

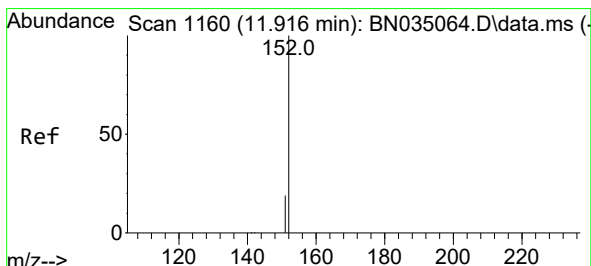
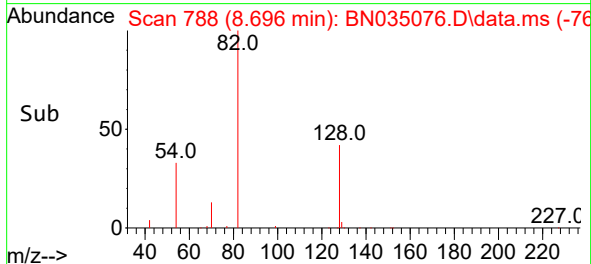
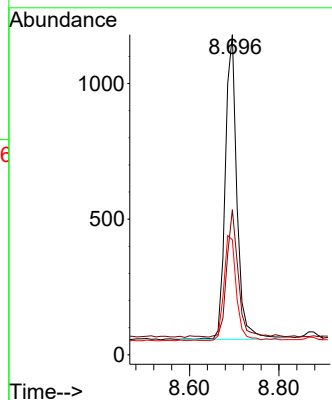
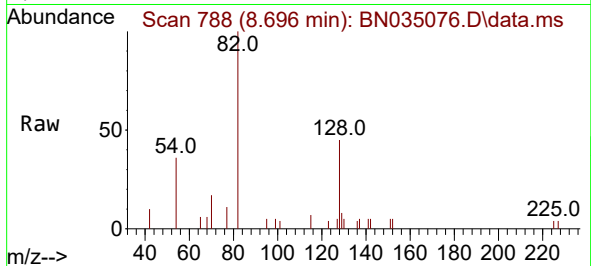




#8
Nitrobenzene-d5
Concen: 0.404 ng
RT: 8.696 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN035076.D
Acq: 13 Nov 2024 21:01

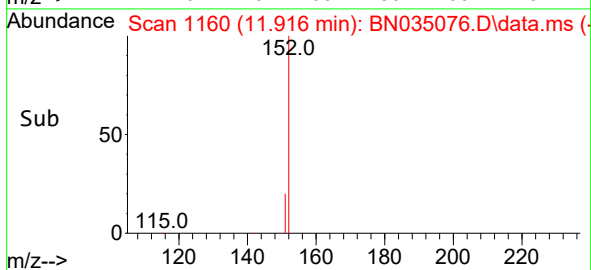
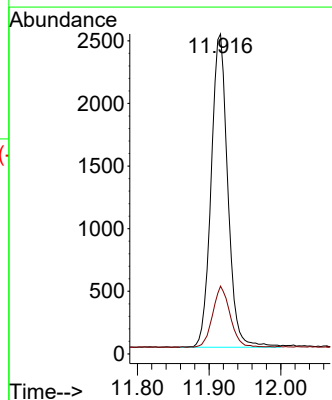
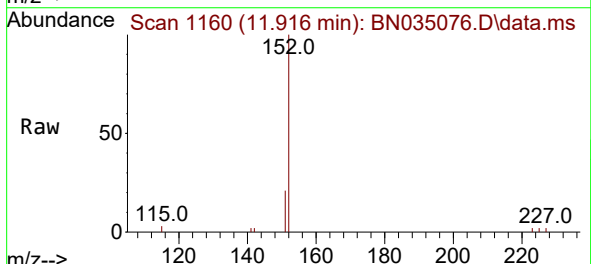
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241107

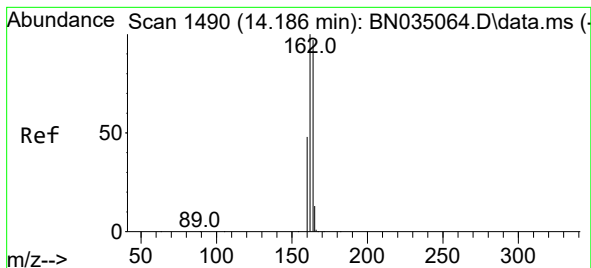
Tgt Ion: 82 Resp: 2048
Ion Ratio Lower Upper
82 100
128 45.3 36.5 54.7
54 35.9 28.7 43.1



#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 11.916 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BN035076.D
Acq: 13 Nov 2024 21:01

Tgt Ion: 152 Resp: 4029
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.190 min Scan# 1491

Delta R.T. 0.004 min

Lab File: BN035076.D

Acq: 13 Nov 2024 21:01

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20241107

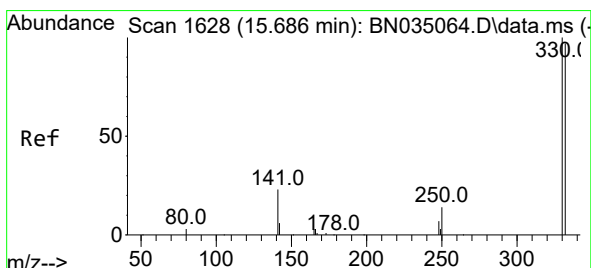
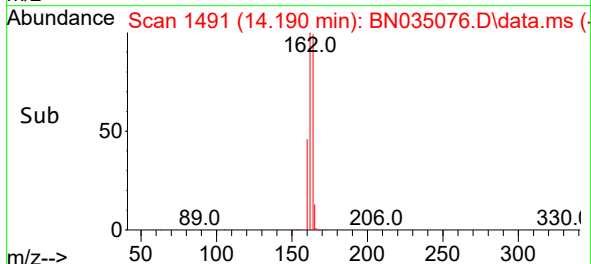
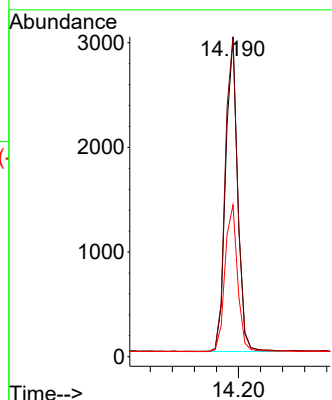
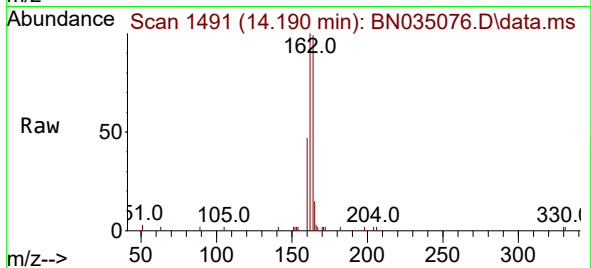
Tgt Ion:164 Resp: 4551

Ion Ratio Lower Upper

164 100

162 100.5 82.2 123.2

160 47.7 40.2 60.4



#14

2,4,6-Tribromophenol

Concen: 0.299 ng

RT: 15.691 min Scan# 1629

Delta R.T. 0.005 min

Lab File: BN035076.D

Acq: 13 Nov 2024 21:01

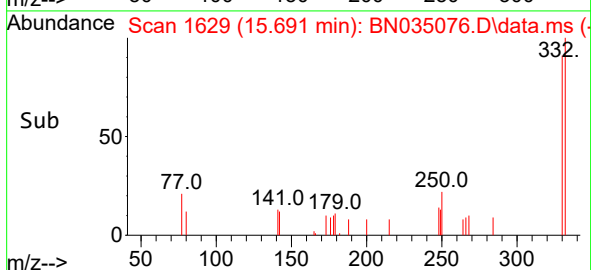
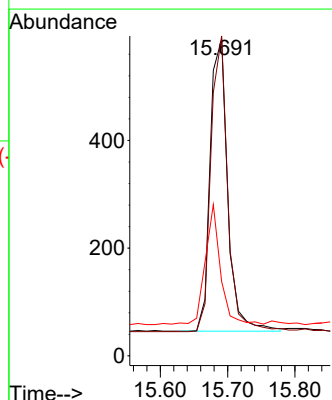
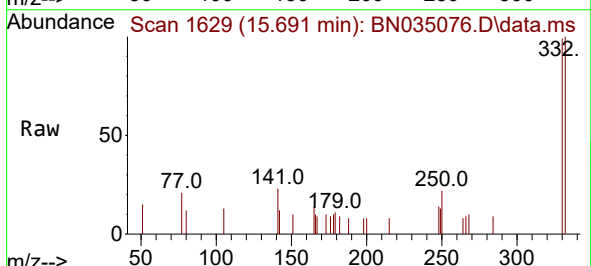
Tgt Ion:330 Resp: 980

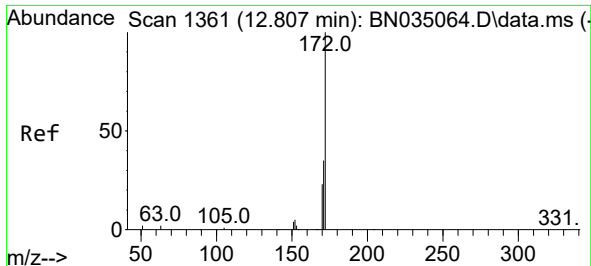
Ion Ratio Lower Upper

330 100

332 97.6 76.9 115.3

141 36.0 29.6 44.4

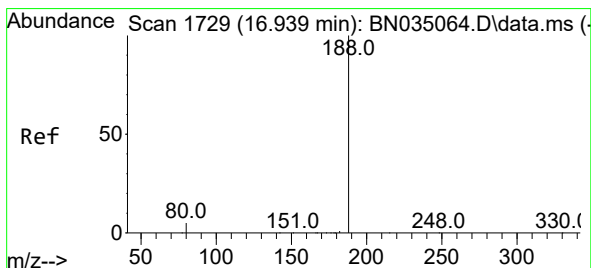
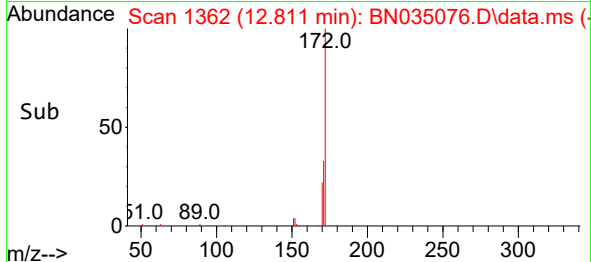
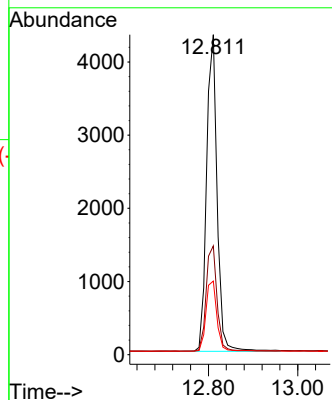
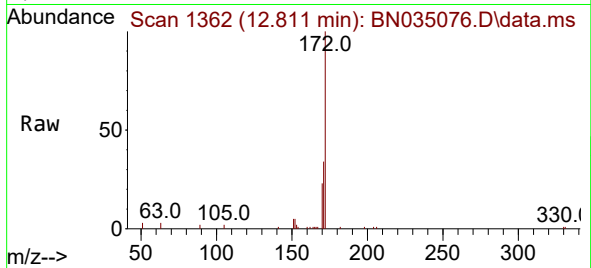




#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 12.811 min Scan# 1362
Delta R.T. 0.004 min
Lab File: BN035076.D
Acq: 13 Nov 2024 21:01

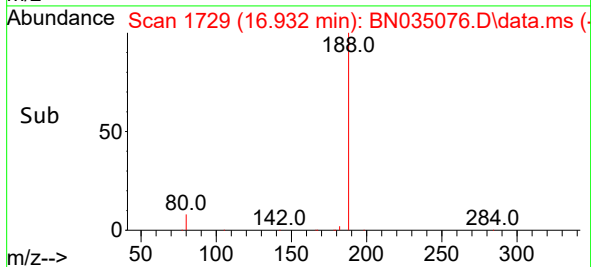
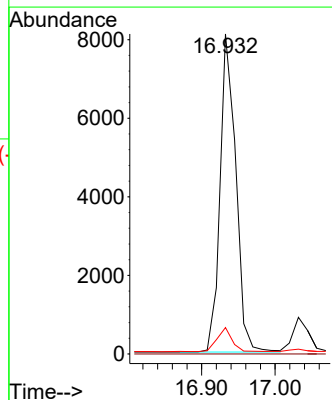
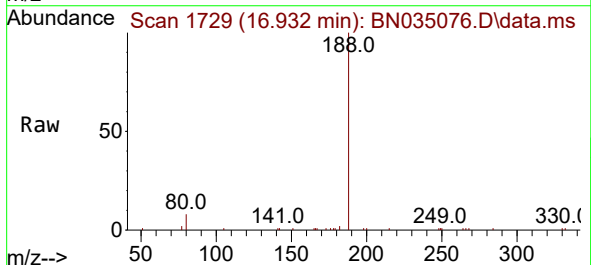
Instrument :
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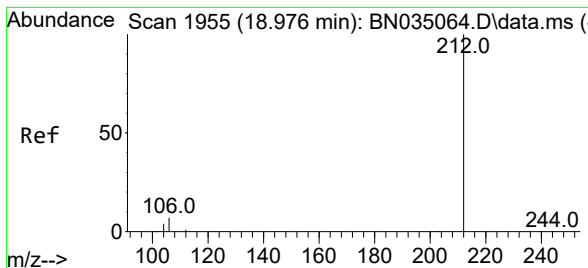
Tgt Ion:172 Resp: 7036
Ion Ratio Lower Upper
172 100
171 34.0 28.2 42.4
170 23.0 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.932 min Scan# 1729
Delta R.T. -0.007 min
Lab File: BN035076.D
Acq: 13 Nov 2024 21:01

Tgt Ion:188 Resp: 12064
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 4.3 6.5

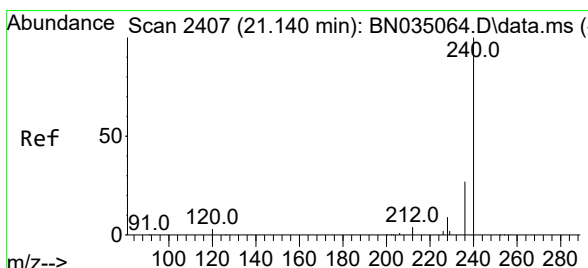
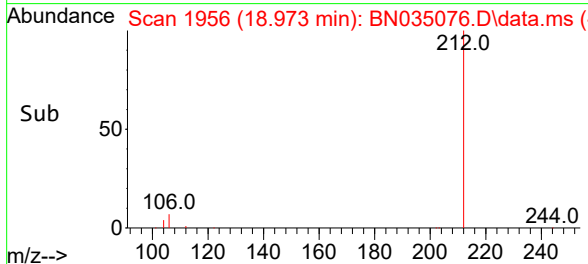
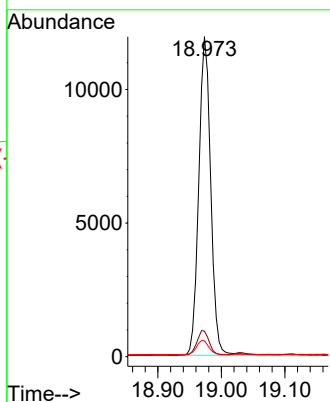
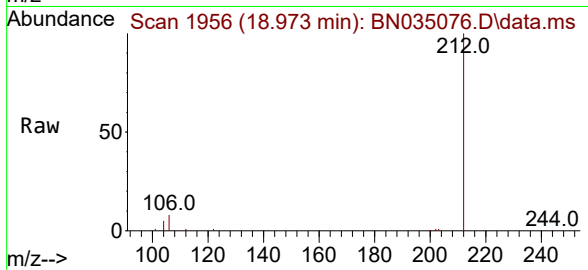




#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 18.973 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BN035076.D
Acq: 13 Nov 2024 21:01

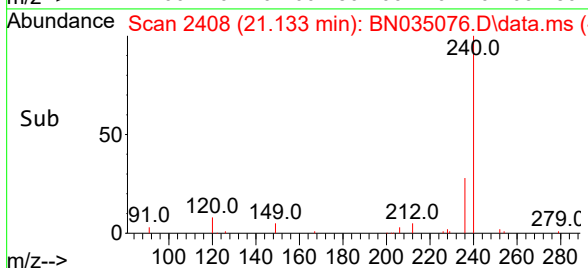
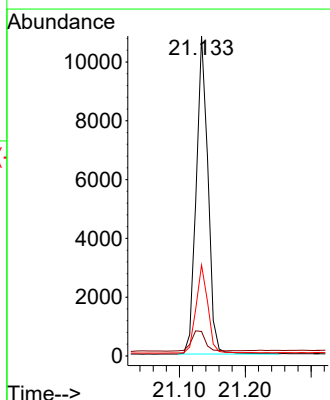
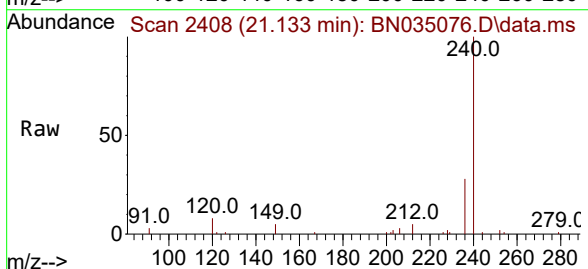
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241107

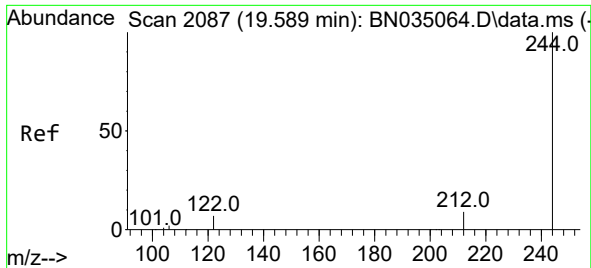
Tgt Ion:212 Resp: 15608
Ion Ratio Lower Upper
212 100
106 7.8 6.0 9.0
104 4.6 3.5 5.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.133 min Scan# 2408
Delta R.T. -0.007 min
Lab File: BN035076.D
Acq: 13 Nov 2024 21:01

Tgt Ion:240 Resp: 13393
Ion Ratio Lower Upper
240 100
120 7.6 3.8 5.6#
236 28.4 22.2 33.2

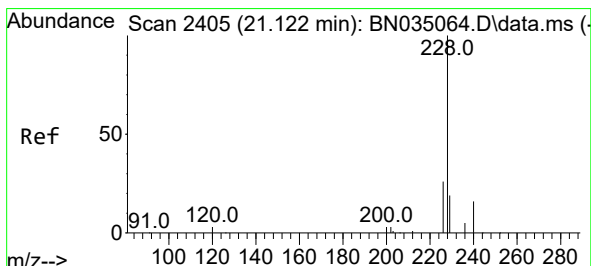
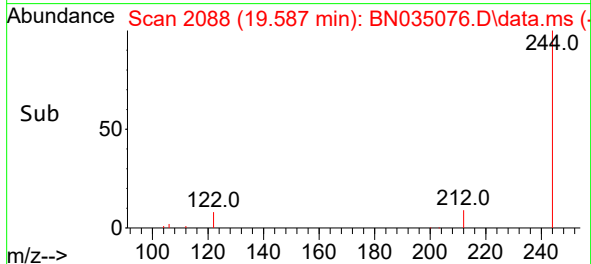
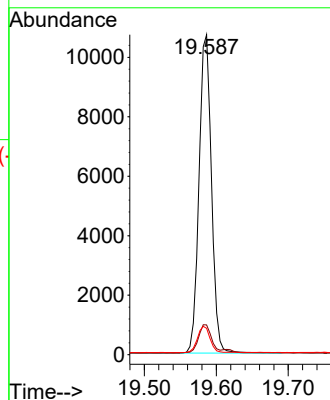
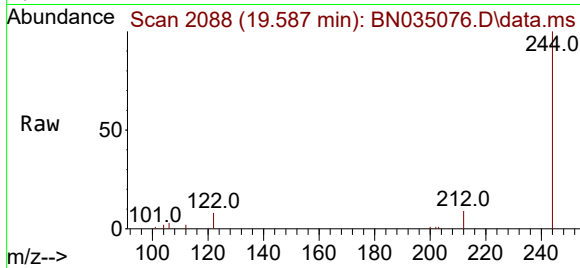




#31
 Terphenyl-d14
 Concen: 0.459 ng
 RT: 19.587 min Scan# 2087
 Delta R.T. -0.002 min
 Lab File: BN035076.D
 Acq: 13 Nov 2024 21:01

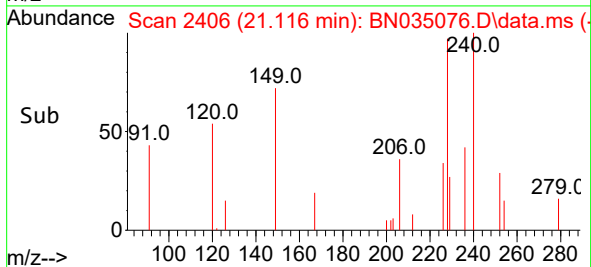
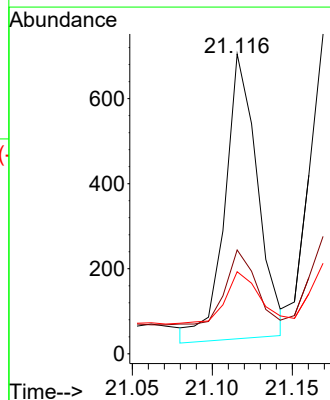
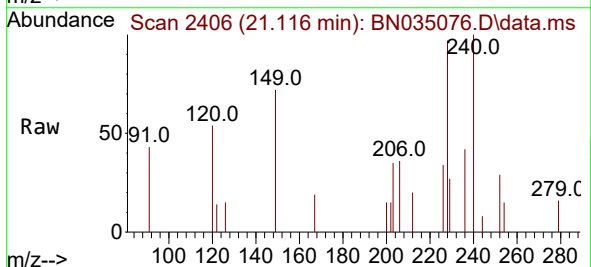
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20241107

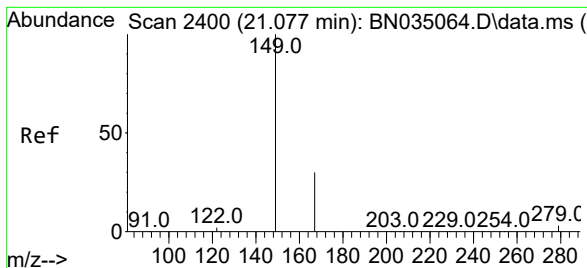
Tgt Ion:244 Resp: 12911
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.6 11.4
 122 8.2 6.1 9.1



#32
 Benzo(a)anthracene
 Concen: 0.020 ng
 RT: 21.116 min Scan# 2406
 Delta R.T. -0.007 min
 Lab File: BN035076.D
 Acq: 13 Nov 2024 21:01

Tgt Ion:228 Resp: 954
 Ion Ratio Lower Upper
 228 100
 226 34.6 21.4 32.0#
 229 27.4 15.7 23.5#

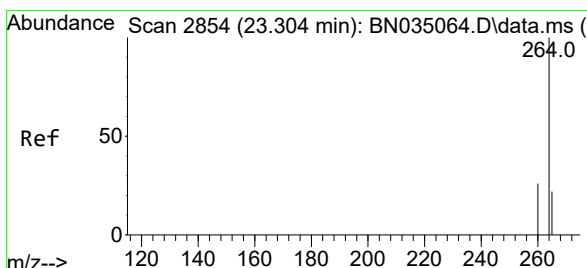
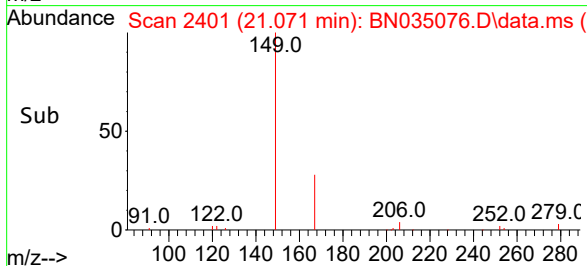
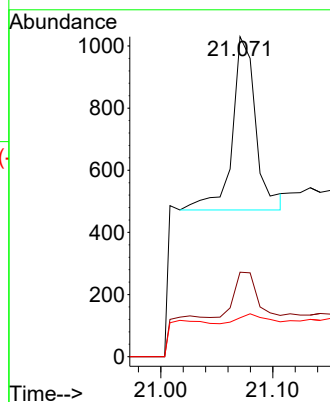
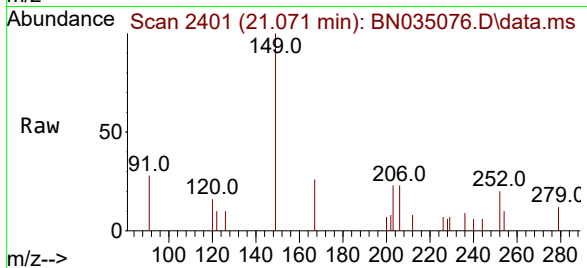




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.033 ng
 RT: 21.071 min Scan# 2401
 Delta R.T. -0.007 min
 Lab File: BN035076.D
 Acq: 13 Nov 2024 21:01

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20241107

Tgt Ion:	149	Resp:	819
Ion	Ratio	Lower	Upper
149	100		
167	26.7	23.2	34.8
279	0.0	3.2	4.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.300 min Scan# 2856
 Delta R.T. -0.004 min
 Lab File: BN035076.D
 Acq: 13 Nov 2024 21:01

Tgt Ion:	264	Resp:	14946
Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.9	31.3
265	50.5	35.4	53.2

