

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030001.D
 Acq On : 24 Feb 2024 20:19
 Operator : MA/JU
 Sample : P1520-07
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20240215

Quant Time: Feb 26 02:44:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

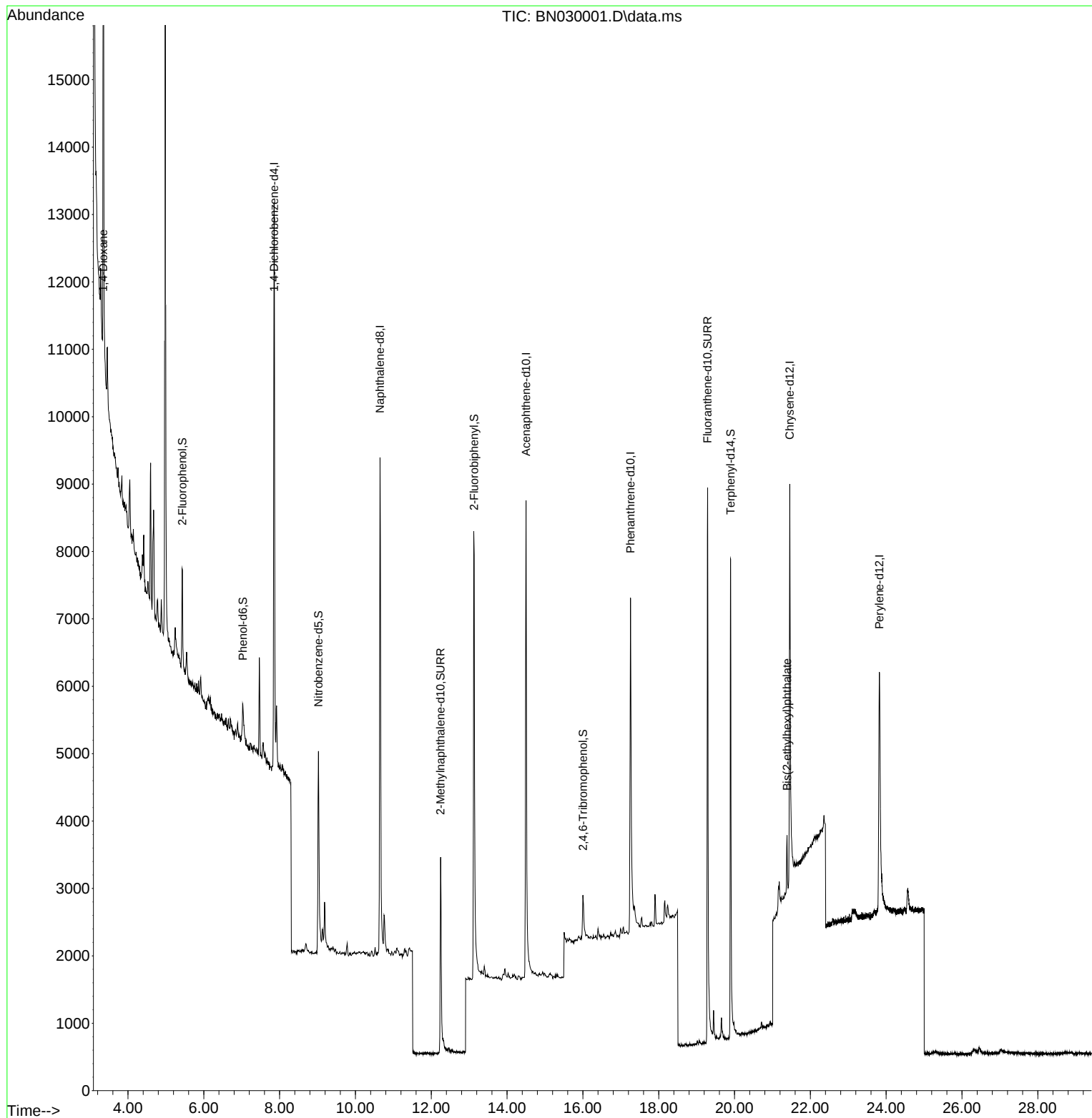
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4502	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	11444	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	5326	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	10763	0.400	ng	0.00
29) Chrysene-d12	21.456	240	7872	0.400	ng	0.00
35) Perylene-d12	23.823	264	7684	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1259	0.116	ng	0.00
5) Phenol-d6	7.031	99	750	0.060	ng	0.00
8) Nitrobenzene-d5	9.025	82	3512	0.369	ng	0.01
11) 2-Methylnaphthalene-d10	12.246	152	5297	0.340	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	567	0.332	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	8044	0.352	ng	0.01
27) Fluoranthene-d10	19.289	212	11510	0.442	ng	0.00
31) Terphenyl-d14	19.898	244	8863	0.454	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	5438	0.858	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.384	149	1039	0.057	ng	# 88

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

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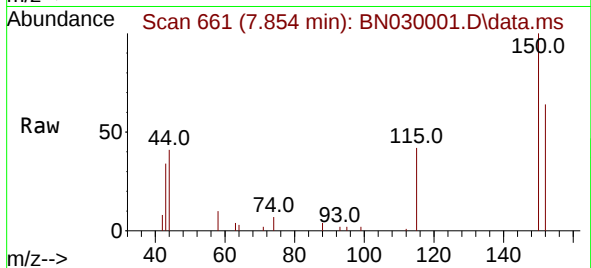
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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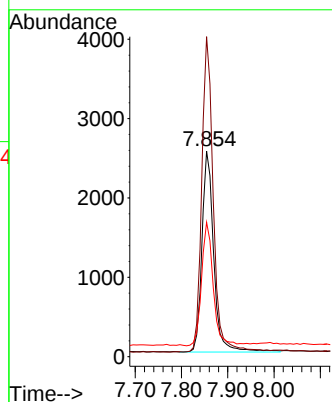
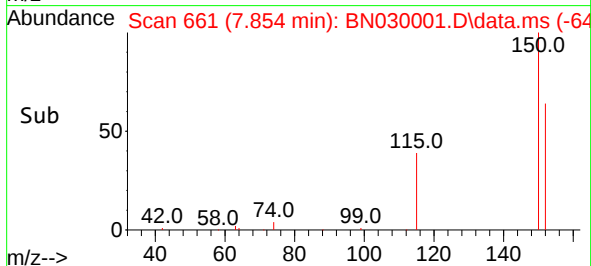


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN030001.D
 Acq: 24 Feb 2024 20:19

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20240215

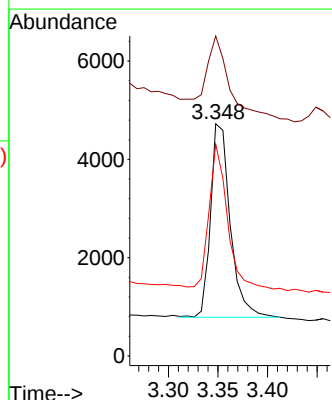
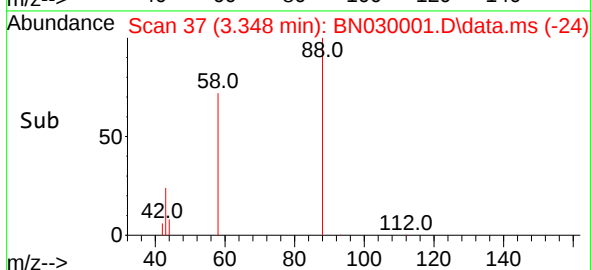
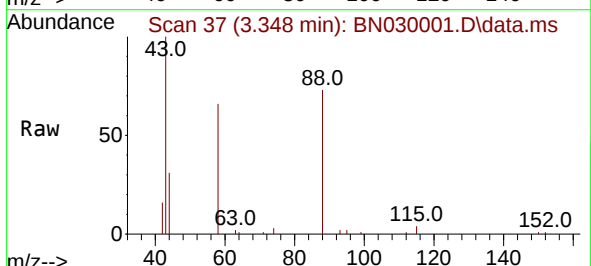


Tgt Ion:152 Resp: 4502
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.0 184.4
 115 65.4 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.858 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN030001.D
 Acq: 24 Feb 2024 20:19

Tgt Ion: 88 Resp: 5438
 Ion Ratio Lower Upper
 88 100
 43 49.4 23.3 34.9#
 58 69.1 53.8 80.6

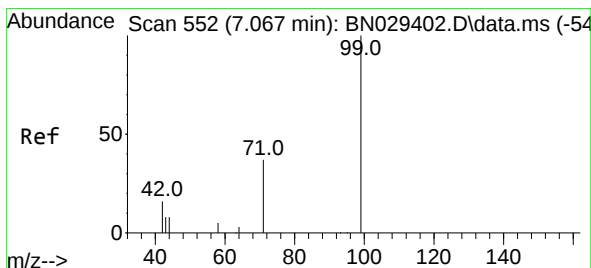
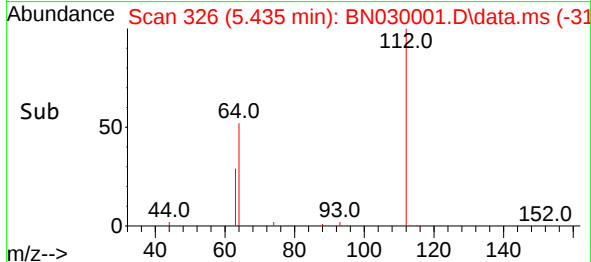
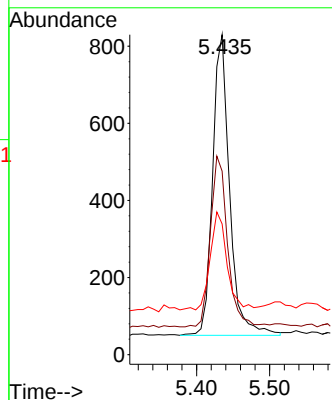
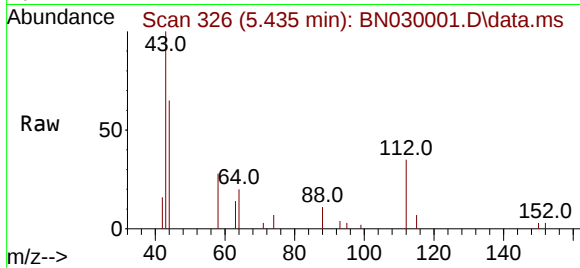




#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.435 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN030001.D
Acq: 24 Feb 2024 20:19

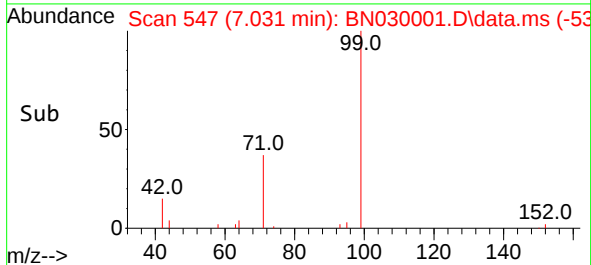
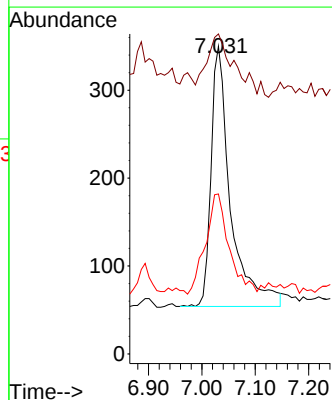
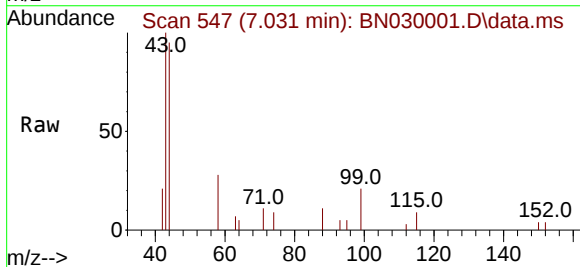
Instrument :
BNA_N
ClientSampleId :
MW178S-20240215

Tgt Ion:112 Resp: 1259
Ion Ratio Lower Upper
112 100
64 57.0 47.2 70.8
63 32.3 25.8 38.6



#5
Phenol-d6
Concen: 0.060 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN030001.D
Acq: 24 Feb 2024 20:19

Tgt Ion: 99 Resp: 750
Ion Ratio Lower Upper
99 100
42 35.7 16.9 25.3#
71 46.8 30.0 45.0#

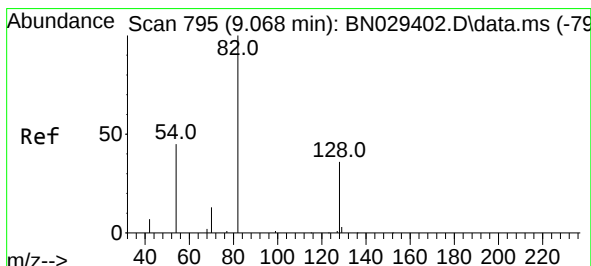
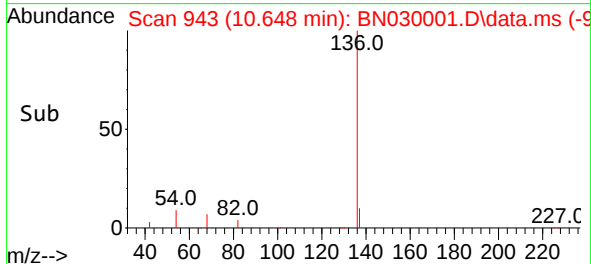
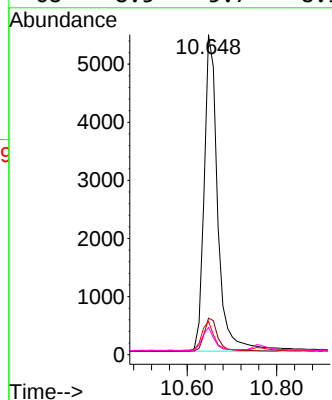
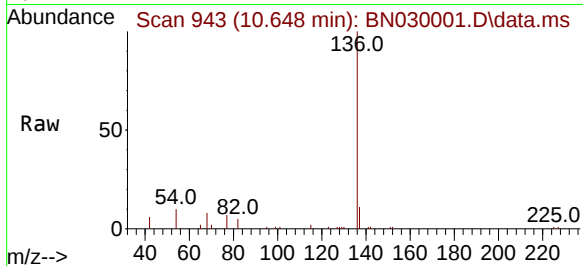




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN030001.D
Acq: 24 Feb 2024 20:19

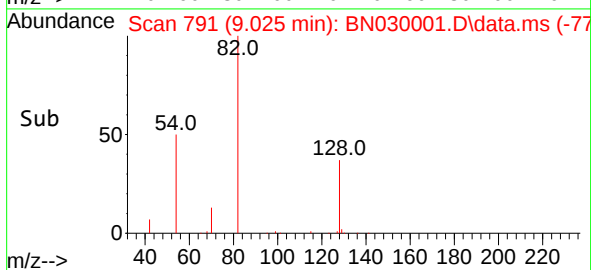
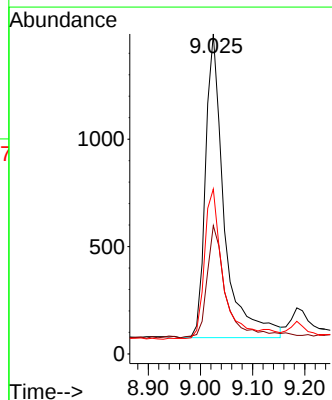
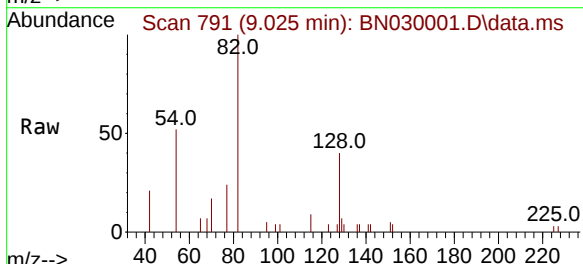
Instrument :
BNA_N
ClientSampleId :
MW178S-20240215

Tgt Ion:	136	Resp:	11444
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.7	14.5
54	10.4	6.6	10.0#
68	8.5	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN030001.D
Acq: 24 Feb 2024 20:19

Tgt Ion:	82	Resp:	3512
Ion Ratio	Lower	Upper	
82	100		
128	40.1	31.6	47.4
54	51.5	38.2	57.4

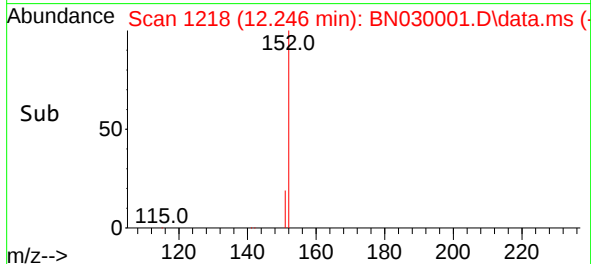
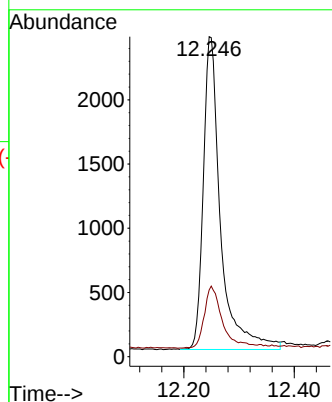
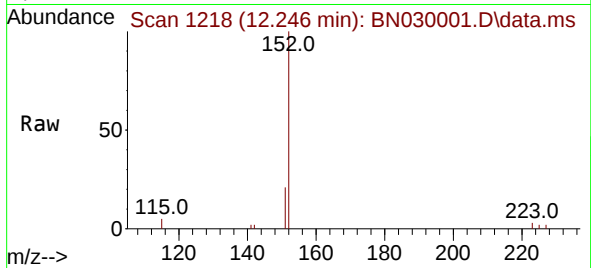




#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 12.246 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030001.D
Acq: 24 Feb 2024 20:19

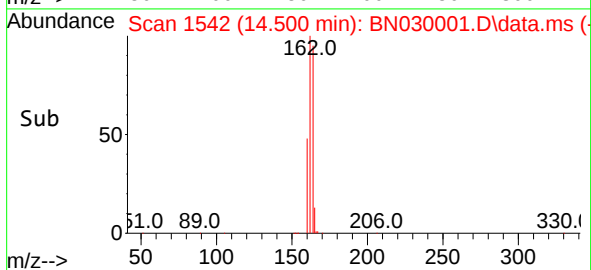
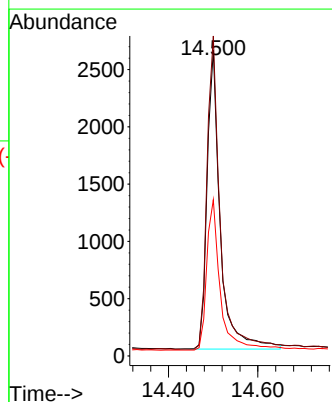
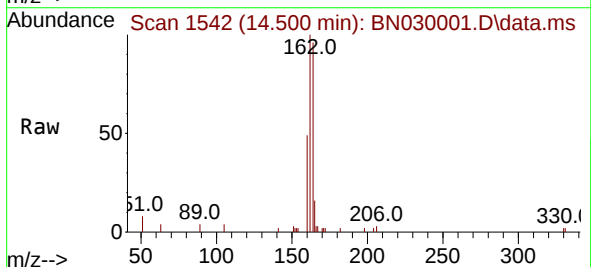
Instrument :
BNA_N
ClientSampleId :
MW178S-20240215

Tgt Ion:152 Resp: 5297
Ion Ratio Lower Upper
152 100
151 20.9 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: BN030001.D
Acq: 24 Feb 2024 20:19

Tgt Ion:164 Resp: 5326
Ion Ratio Lower Upper
164 100
162 104.5 82.6 123.8
160 51.0 41.5 62.3

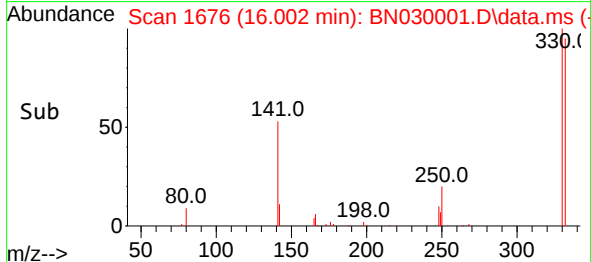
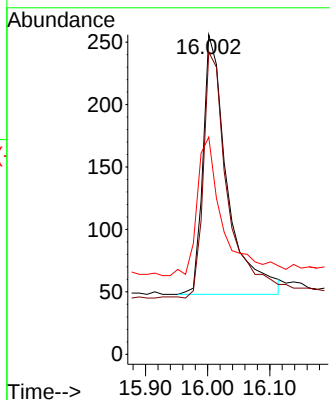
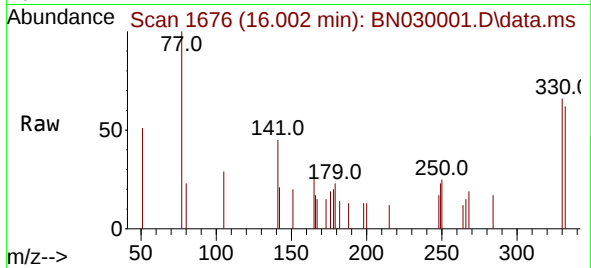




#14
2,4,6-Tribromophenol
Concen: 0.332 ng
RT: 16.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030001.D
Acq: 24 Feb 2024 20:19

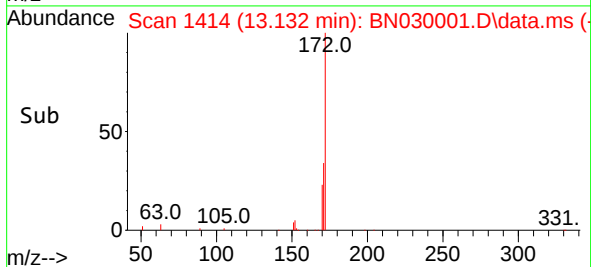
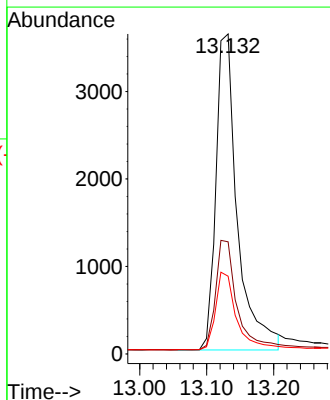
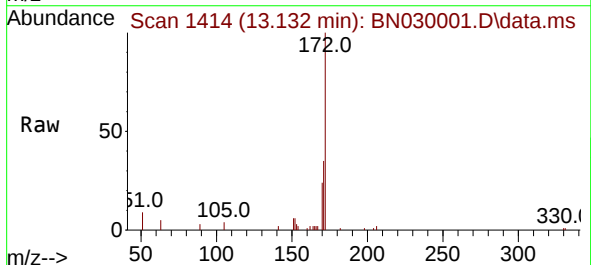
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BNA_N
ClientSampleId :
MW178S-20240215

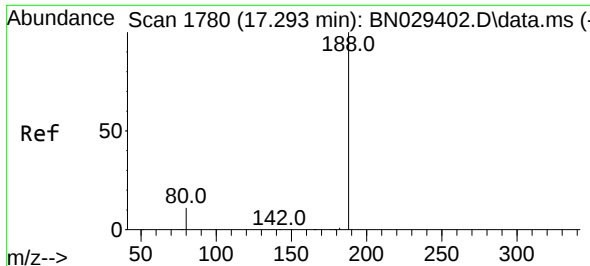
Tgt Ion:330 Resp: 567
Ion Ratio Lower Upper
330 100
332 95.2 76.0 114.0
141 56.8 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN030001.D
Acq: 24 Feb 2024 20:19

Tgt Ion:172 Resp: 8044
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 24.3 18.7 28.1

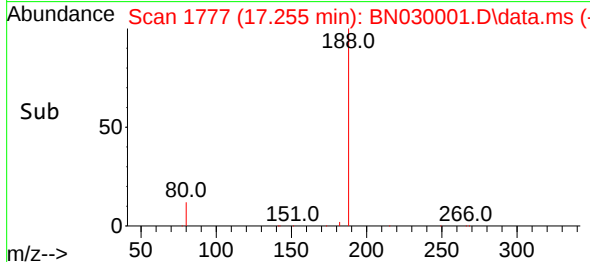
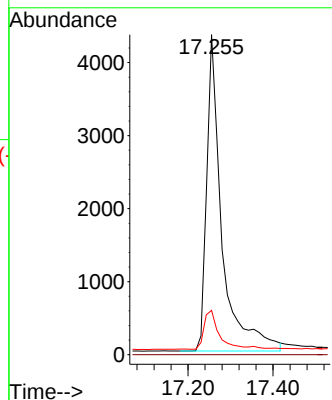
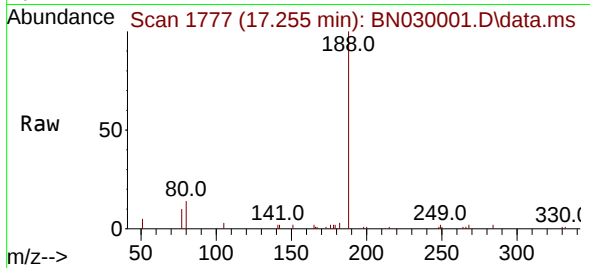




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030001.D
Acq: 24 Feb 2024 20:19

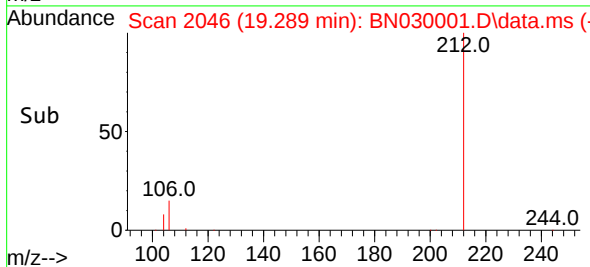
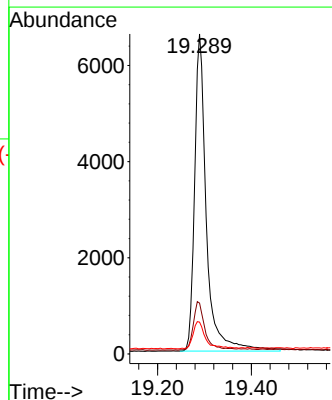
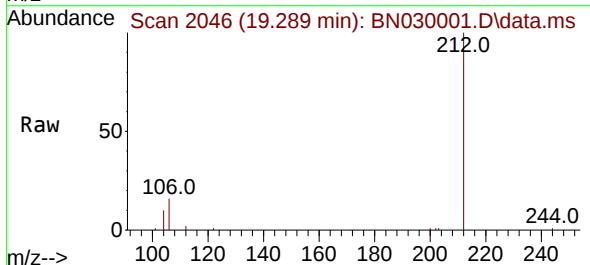
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ClientSampleId :
MW178S-20240215

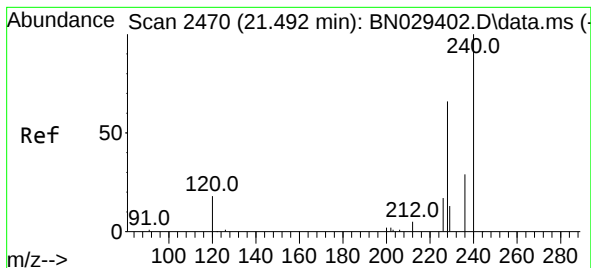
Tgt Ion:188 Resp: 10763
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 10.0 15.0



#27
Fluoranthene-d10
Concen: 0.442 ng
RT: 19.289 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BN030001.D
Acq: 24 Feb 2024 20:19

Tgt Ion:212 Resp: 11510
Ion Ratio Lower Upper
212 100
106 15.1 13.2 19.8
104 9.3 7.7 11.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.456 min Scan# 2466

Delta R.T. 0.000 min

Lab File: BN030001.D

Acq: 24 Feb 2024 20:19

Instrument :

BNA_N

ClientSampleId :

MW178S-20240215

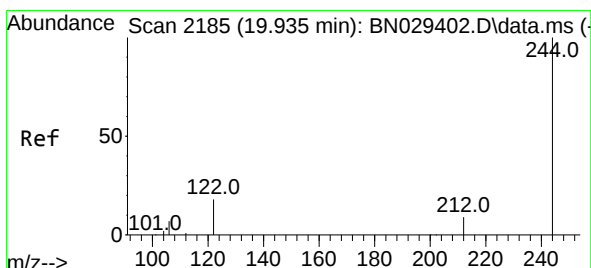
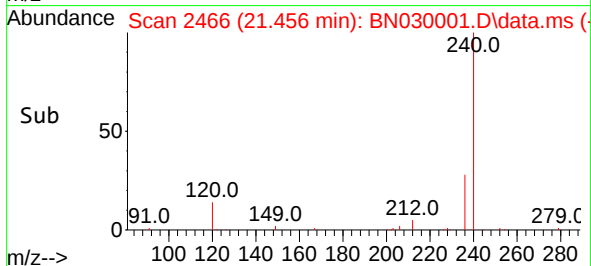
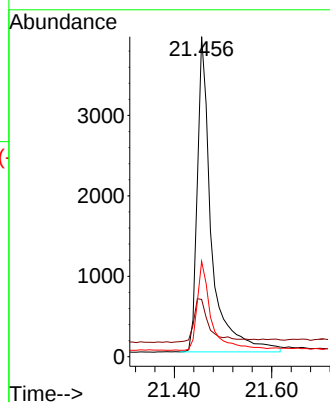
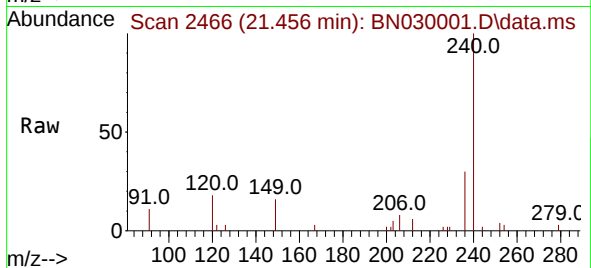
Tgt Ion:240 Resp: 7872

Ion Ratio Lower Upper

240 100

120 17.9 16.7 25.1

236 29.8 23.9 35.9



#31

Terphenyl-d14

Concen: 0.454 ng

RT: 19.898 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BN030001.D

Acq: 24 Feb 2024 20:19

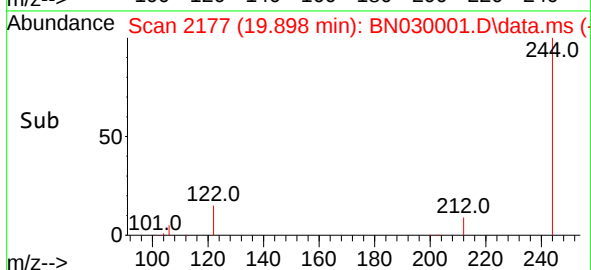
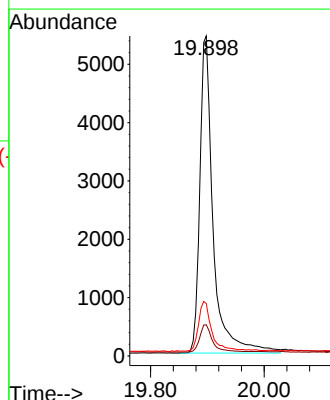
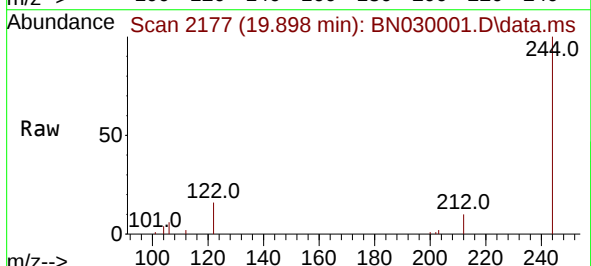
Tgt Ion:244 Resp: 8863

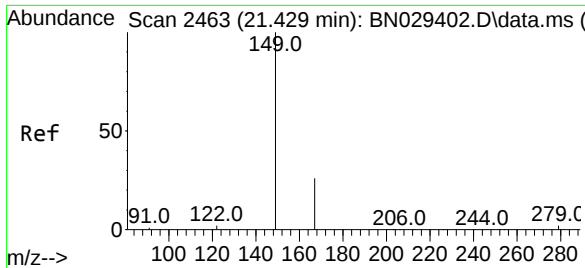
Ion Ratio Lower Upper

244 100

212 9.7 8.2 12.4

122 16.4 15.6 23.4

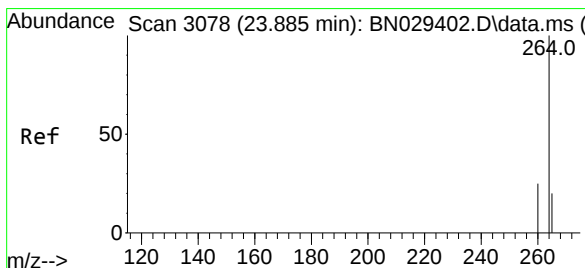
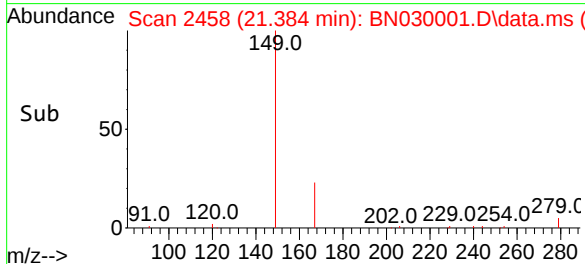
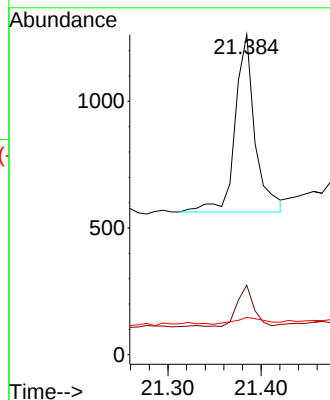
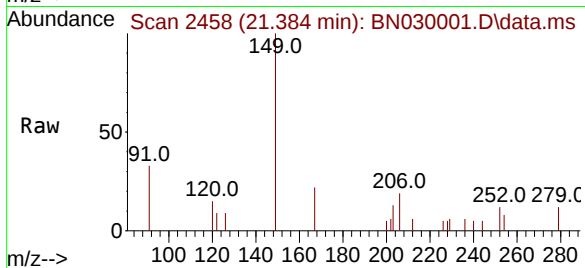




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.057 ng
 RT: 21.384 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN030001.D
 Acq: 24 Feb 2024 20:19

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20240215

Tgt Ion:149 Resp: 1039
 Ion Ratio Lower Upper
 149 100
 167 19.0 20.1 30.1#
 279 5.9 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.823 min Scan# 3057
 Delta R.T. 0.003 min
 Lab File: BN030001.D
 Acq: 24 Feb 2024 20:19

Tgt Ion:264 Resp: 7684
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.2 31.8
 265 76.3 41.5 62.3#

