

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110122\
 Data File : BN022448.D
 Acq On : 02 Nov 2022 00:50
 Operator : CG/JU
 Sample : N4941-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 MW-5R

Quant Time: Nov 02 06:11:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:31:40 2022
 Response via : Initial Calibration

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

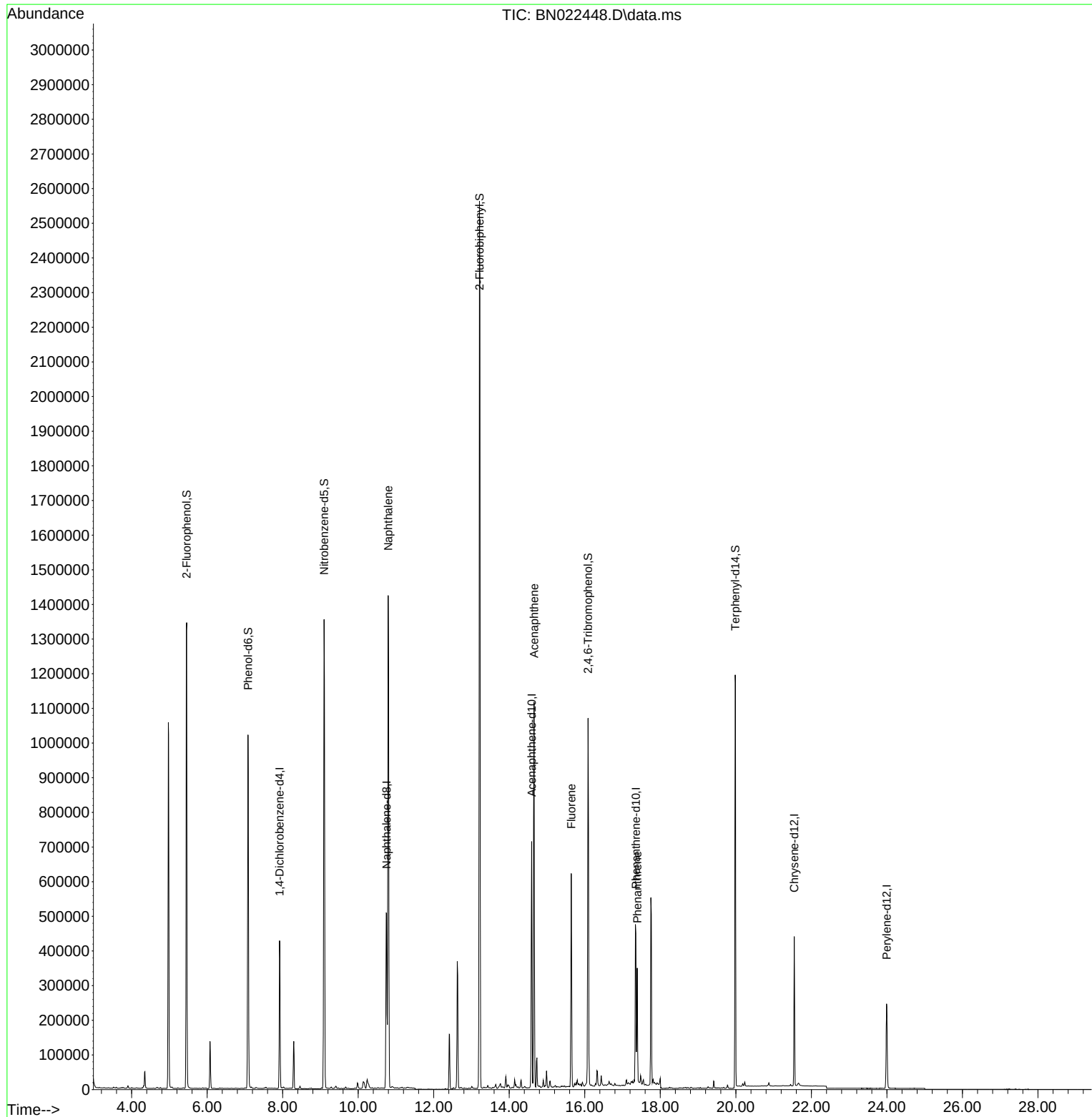
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	203898	20.000	ng	0.00
7) Naphthalene-d8	10.752	136	712894	20.000	ng	# 0.00
13) Acenaphthene-d10	14.593	164	377300	20.000	ng	0.00
19) Phenanthrene-d10	17.354	188	671273	20.000	ng	# 0.00
29) Chrysene-d12	21.546	240	378470	20.000	ng	0.00
35) Perylene-d12	23.993	264	338062	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.458	112	1061463	97.681	ng	0.00
5) Phenol-d6	7.083	99	948286	69.645	ng	0.00
8) Nitrobenzene-d5	9.097	82	1112215	90.202	ng	-0.01
11) 2-Methylnaphthalene-d10	12.353	152	47	0.002	ng	0.00
14) 2,4,6-Tribromophenol	16.088	330	586068	180.712	ng	0.00
15) 2-Fluorobiphenyl	13.214	172	2410329	74.680	ng	0.00
27) Fluoranthene-d10	19.445	212	2723	0.073	ng	0.05
31) Terphenyl-d14	19.984	244	1889601	95.833	ng	0.00
Target Compounds						
9) Naphthalene	10.795	128	1873933	43.956	ng	Qvalue 99
16) Acenaphthylene	14.315	152	5986	0.164	ng	# 35
17) Acenaphthene	14.657	154	544732	21.857	ng	96
18) Fluorene	15.640	166	373883	10.767	ng	# 96
25) Phenanthrene	17.391	178	317254	6.892	ng	100
26) Anthracene	17.478	178	21439	0.553	ng	# 91
28) Fluoranthene	19.415	202	17158	0.344	ng	98
30) Pyrene	19.778	202	8358	0.240	ng	# 83

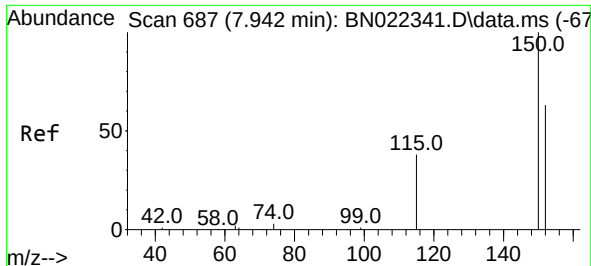
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110122\
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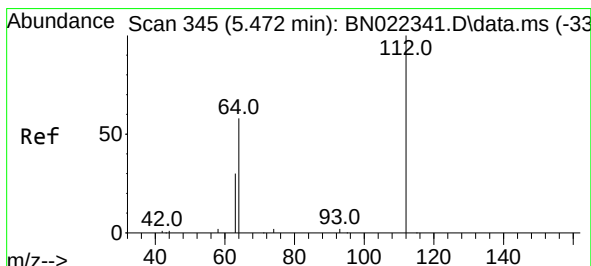
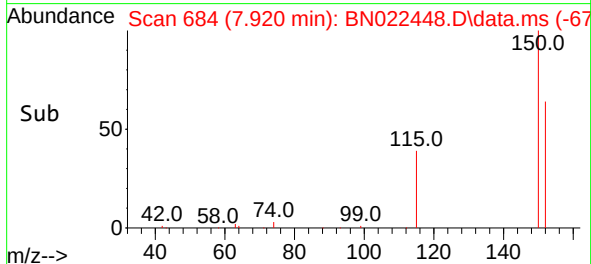
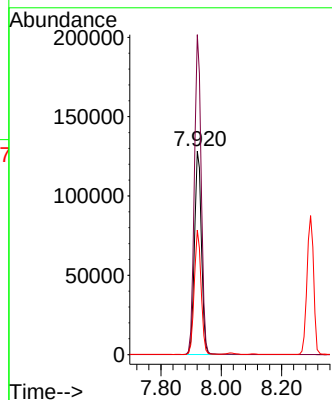
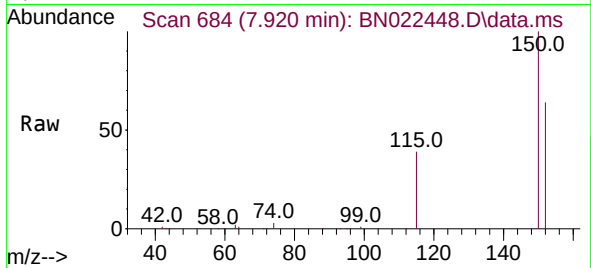




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 687
Delta R.T. -0.008 min
Lab File: BN022448.D
Acq: 02 Nov 2022 00:50

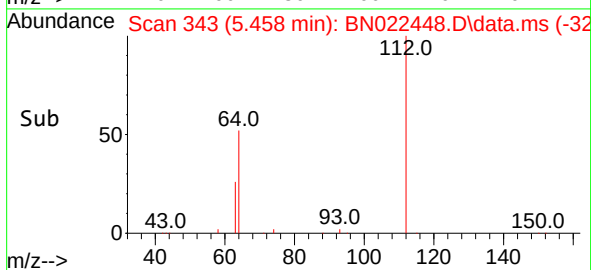
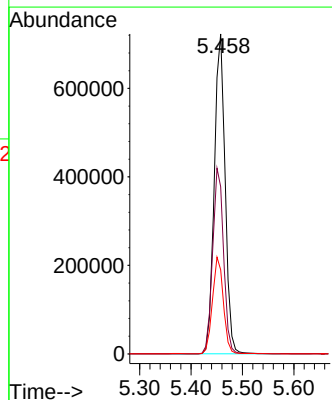
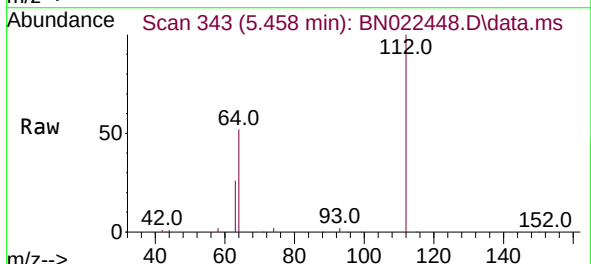
Instrument :
BNA_N
ClientSampleId :
MW-5R

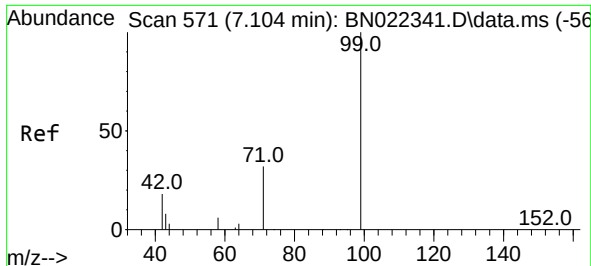
Tgt Ion:152 Resp: 203898
Ion Ratio Lower Upper
152 100
150 157.3 125.2 187.8
115 61.2 52.0 78.0



#4
2-Fluorophenol
Concen: 97.681 ng
RT: 5.458 min Scan# 343
Delta R.T. -0.000 min
Lab File: BN022448.D
Acq: 02 Nov 2022 00:50

Tgt Ion:112 Resp: 1061463
Ion Ratio Lower Upper
112 100
64 58.8 47.0 70.4
63 30.4 24.5 36.7

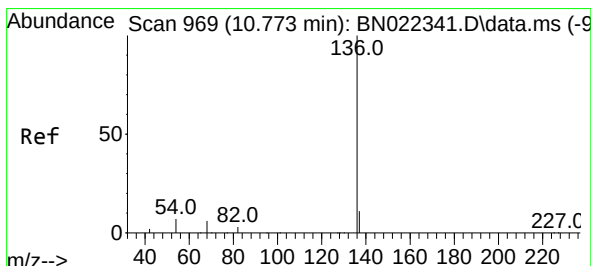
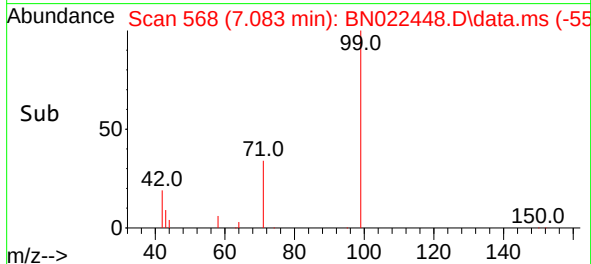
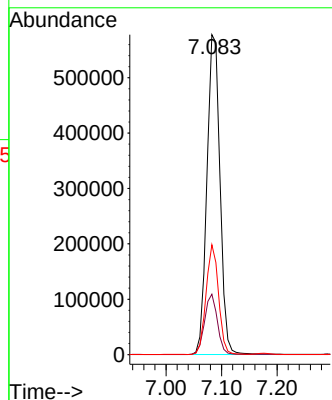
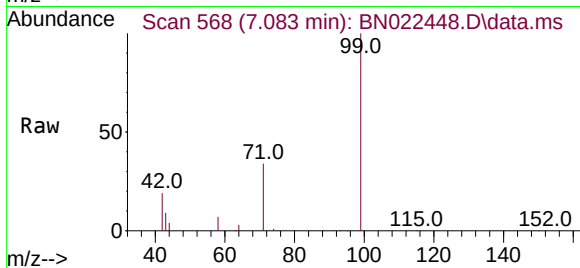




#5
Phenol-d6
Concen: 69.645 ng
RT: 7.083 min Scan# 50
Delta R.T. -0.007 min
Lab File: BN022448.D
Acq: 02 Nov 2022 00:50

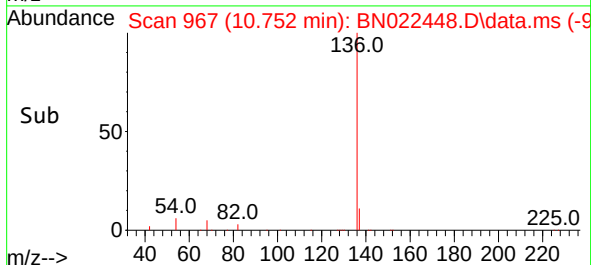
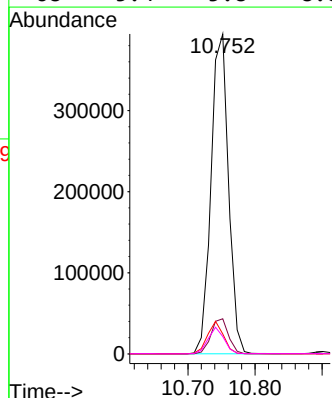
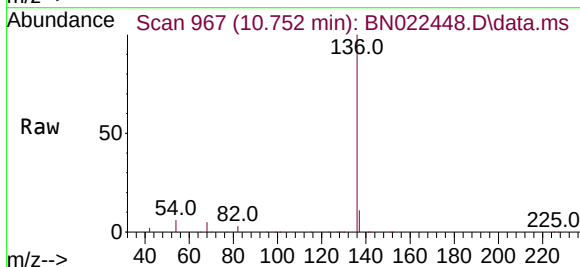
Instrument :
BNA_N
ClientSampleId :
MW-5R

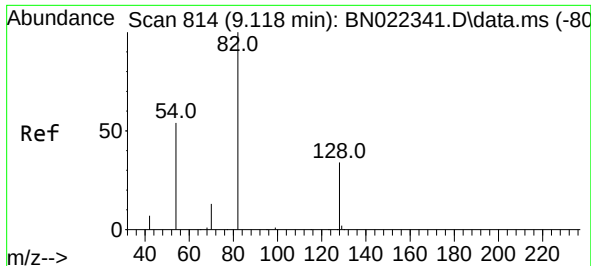
Tgt Ion: 99 Resp: 948286
Ion Ratio Lower Upper
99 100
42 18.4 16.3 24.5
71 32.6 26.1 39.1



#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN022448.D
Acq: 02 Nov 2022 00:50

Tgt Ion: 136 Resp: 712894
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 6.2 6.5 9.7#
68 5.4 5.8 8.8#

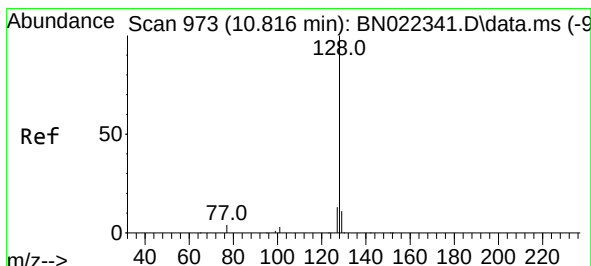
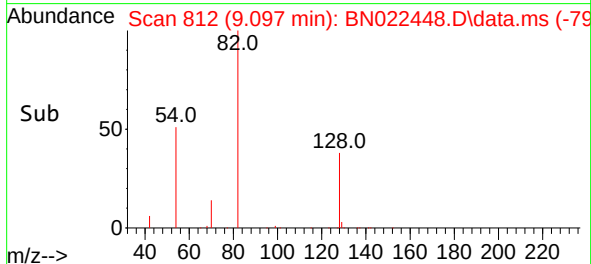
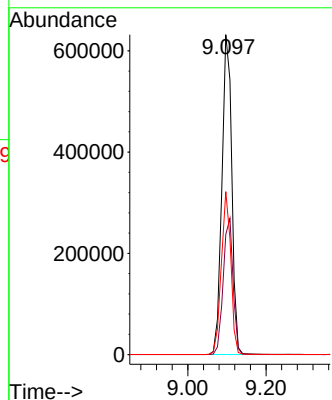
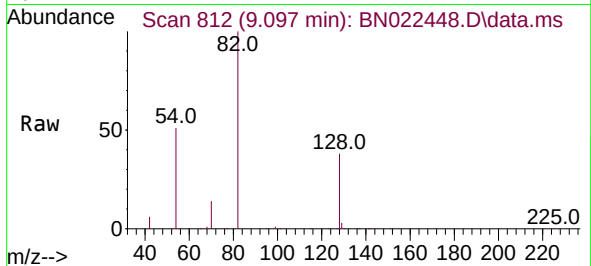




#8
Nitrobenzene-d5
Concen: 90.202 ng
RT: 9.097 min Scan# 814
Delta R.T. -0.011 min
Lab File: BN022448.D
Acq: 02 Nov 2022 00:50

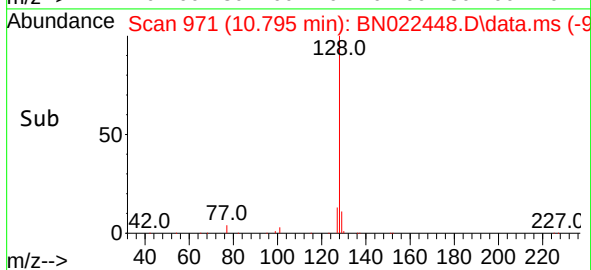
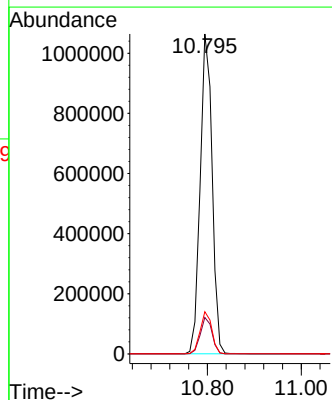
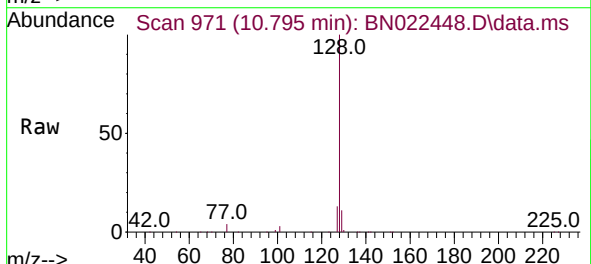
Instrument :
BNA_N
ClientSampleId :
MW-5R

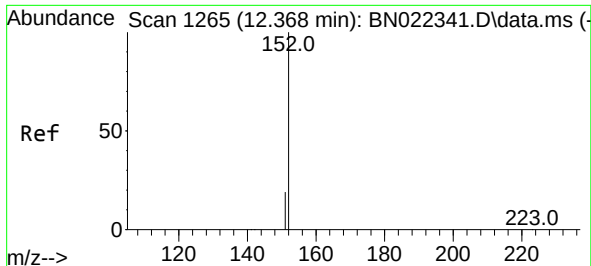
Tgt Ion: 82 Resp: 1112215
Ion Ratio Lower Upper
82 100
128 37.6 30.5 45.7
54 50.9 45.2 67.8



#9
Naphthalene
Concen: 43.956 ng
RT: 10.795 min Scan# 971
Delta R.T. -0.000 min
Lab File: BN022448.D
Acq: 02 Nov 2022 00:50

Tgt Ion: 128 Resp: 1873933
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.2 11.0 16.6

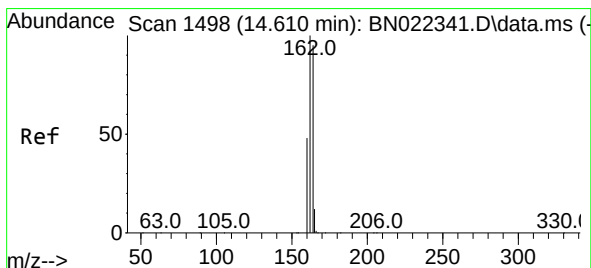
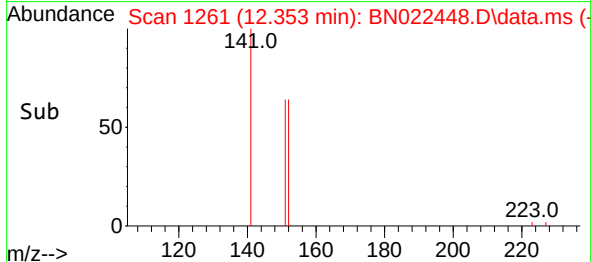
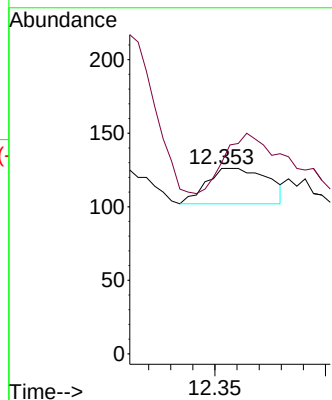
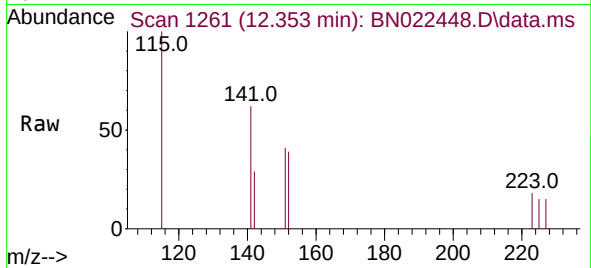




#11
2-Methylnaphthalene-d10
Concen: 0.002 ng
RT: 12.353 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN022448.D
Acq: 02 Nov 2022 00:50

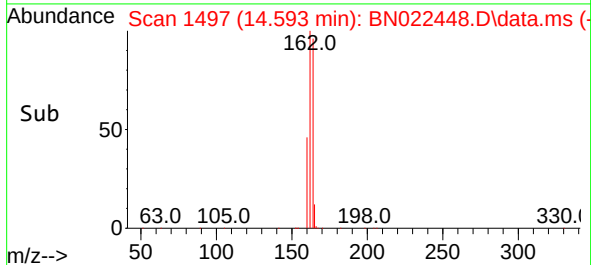
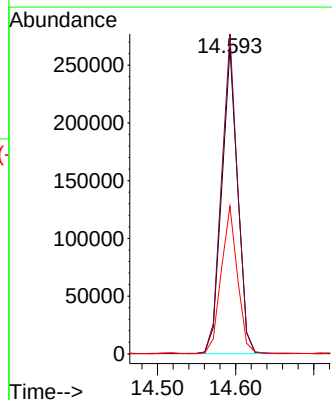
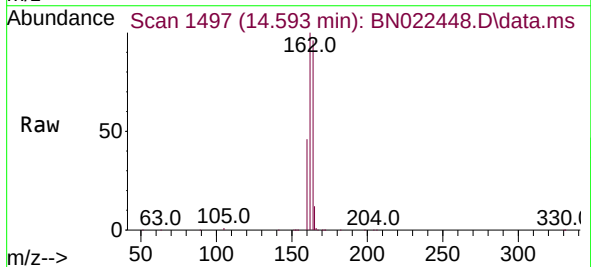
Instrument :
BNA_N
ClientSampleId :
MW-5R

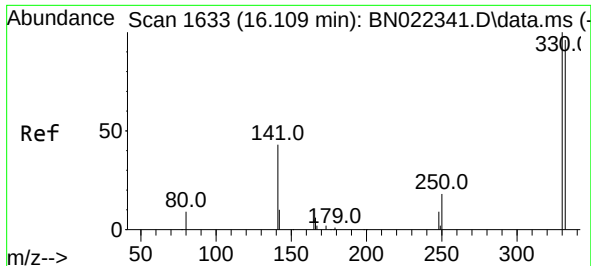
Tgt Ion:152 Resp: 47
Ion Ratio Lower Upper
152 100
151 185.1 16.7 25.1#



#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1497
Delta R.T. 0.004 min
Lab File: BN022448.D
Acq: 02 Nov 2022 00:50

Tgt Ion:164 Resp: 377300
Ion Ratio Lower Upper
164 100
162 104.4 83.9 125.9
160 48.2 41.0 61.4

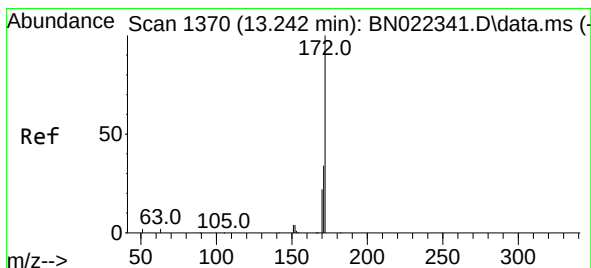
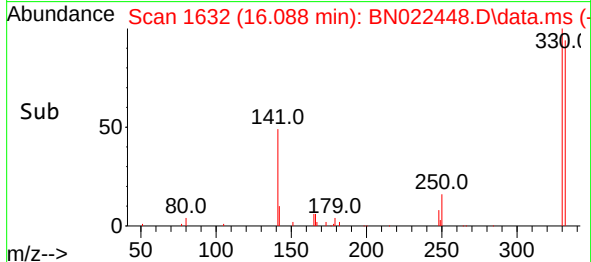
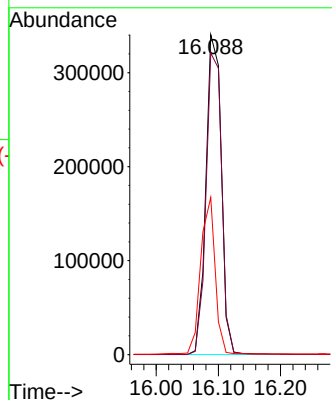
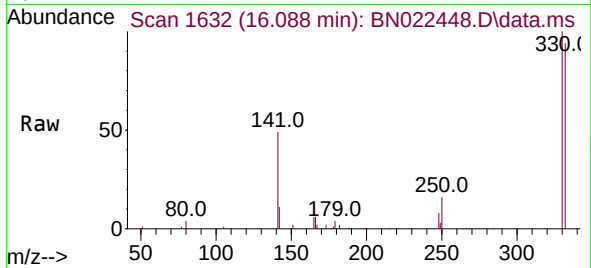




#14
2,4,6-Tribromophenol
Concen: 180.712 ng
RT: 16.088 min Scan# 1632
Delta R.T. -0.009 min
Lab File: BN022448.D
Acq: 02 Nov 2022 00:50

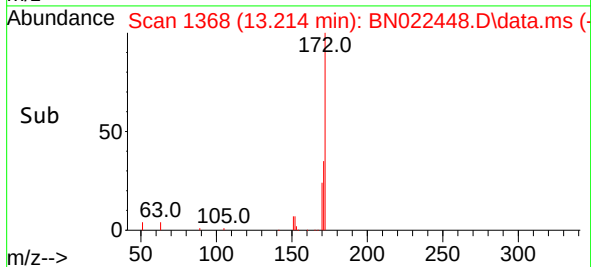
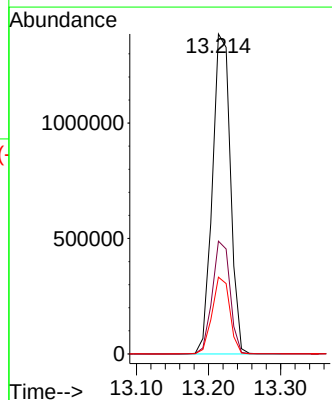
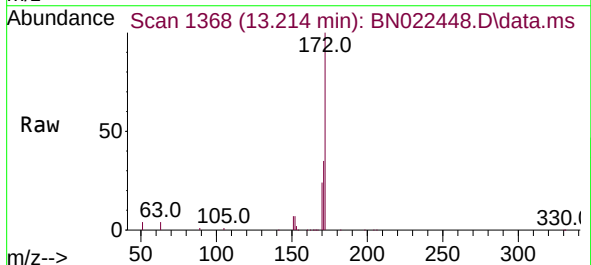
Instrument :
BNA_N
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MW-5R

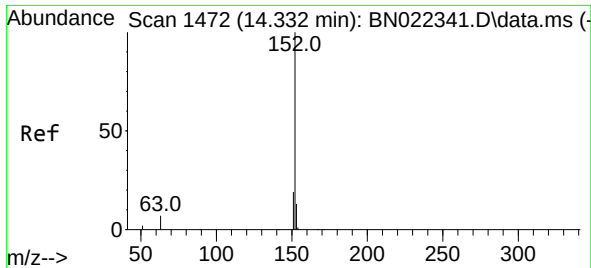
Tgt Ion:330 Resp: 586068
Ion Ratio Lower Upper
330 100
332 96.1 78.6 118.0
141 45.4 40.2 60.4



#15
2-Fluorobiphenyl
Concen: 74.680 ng
RT: 13.214 min Scan# 1368
Delta R.T. -0.007 min
Lab File: BN022448.D
Acq: 02 Nov 2022 00:50

Tgt Ion:172 Resp: 2410329
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.0
170 24.0 18.5 27.7

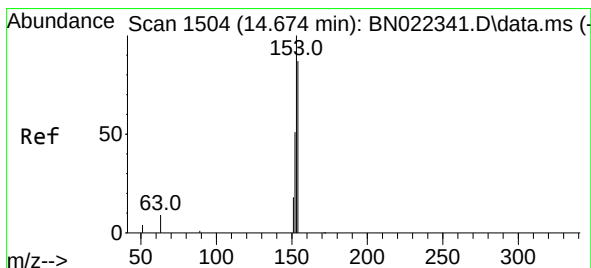
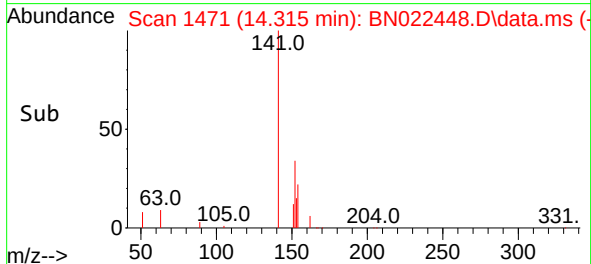
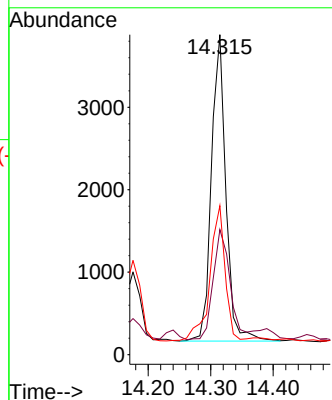
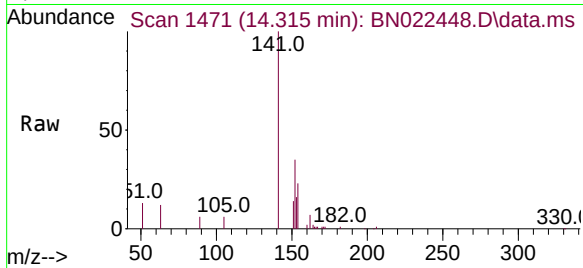




#16
 Acenaphthylene
 Concen: 0.164 ng
 RT: 14.315 min Scan# 1471
 Delta R.T. 0.004 min
 Lab File: BN022448.D
 Acq: 02 Nov 2022 00:50

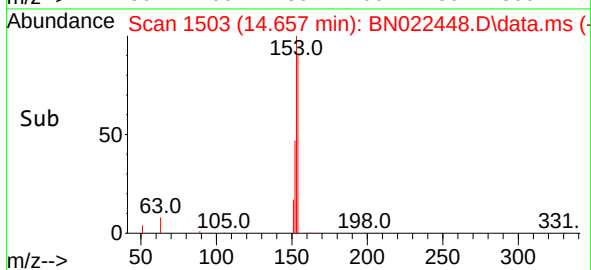
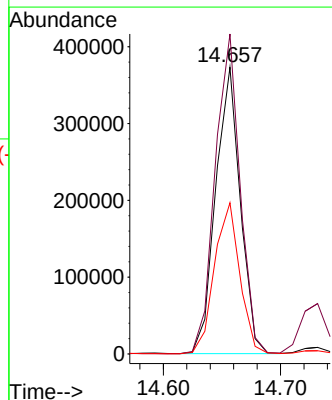
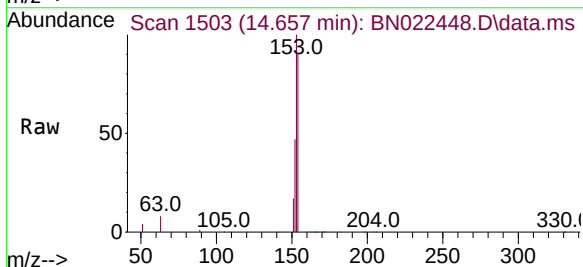
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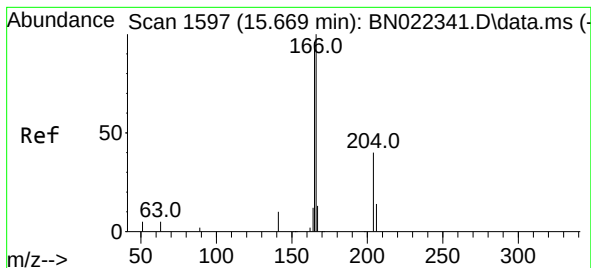
Tgt Ion:152 Resp: 5986
 Ion Ratio Lower Upper
 152 100
 151 41.8 15.2 22.8#
 153 46.8 10.3 15.5#



#17
 Acenaphthene
 Concen: 21.857 ng
 RT: 14.657 min Scan# 1503
 Delta R.T. 0.004 min
 Lab File: BN022448.D
 Acq: 02 Nov 2022 00:50

Tgt Ion:154 Resp: 544732
 Ion Ratio Lower Upper
 154 100
 153 112.9 92.2 138.2
 152 54.2 47.6 71.4





#18

Fluorene

Concen: 10.767 ng

RT: 15.640 min Scan# 1595

Delta R.T. -0.007 min

Lab File: BN022448.D

Acq: 02 Nov 2022 00:50

Instrument :

BNA_N

ClientSampleId :

MW-5R

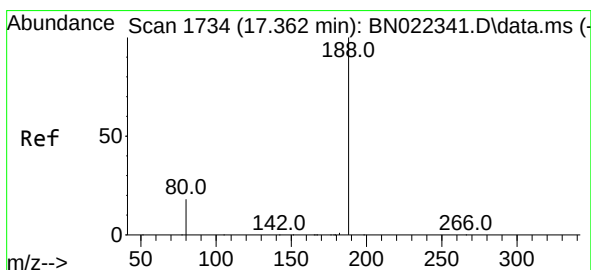
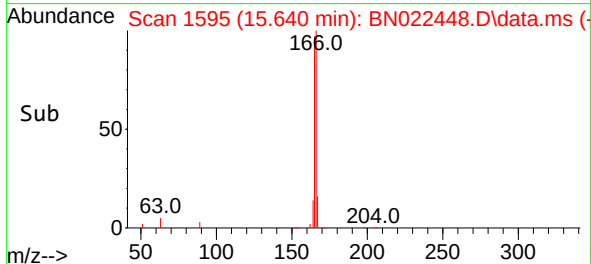
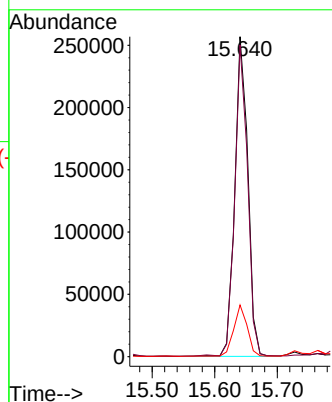
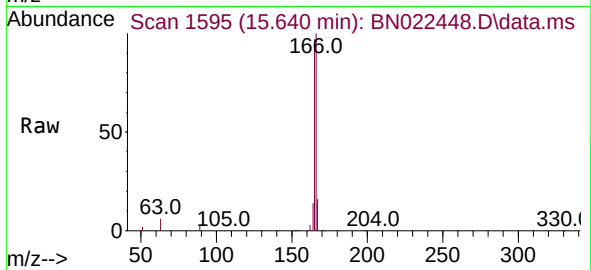
Tgt Ion:166 Resp: 373883

Ion Ratio Lower Upper

166 100

165 95.6 78.6 118.0

167 16.6 10.2 15.4#



#19

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.354 min Scan# 1734

Delta R.T. 0.004 min

Lab File: BN022448.D

Acq: 02 Nov 2022 00:50

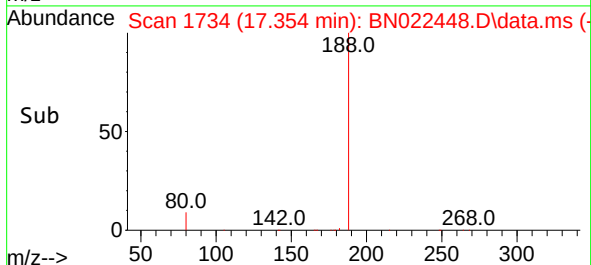
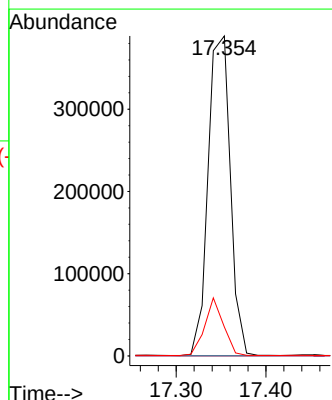
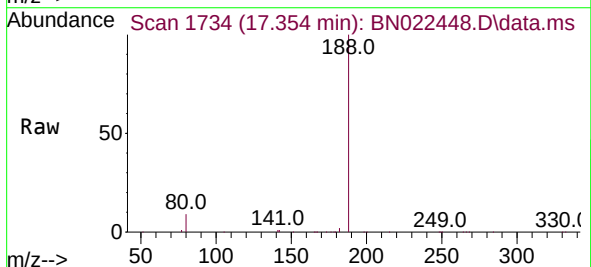
Tgt Ion:188 Resp: 671273

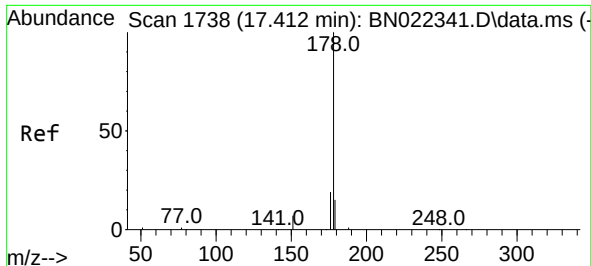
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 15.0 22.6#

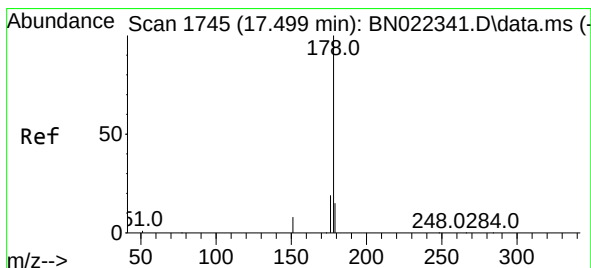
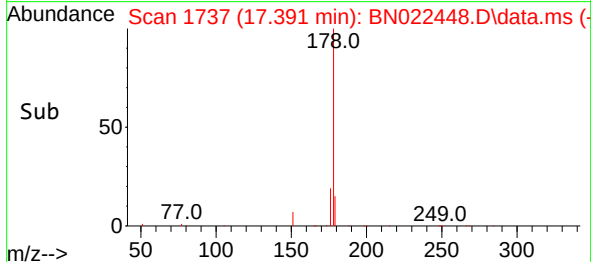
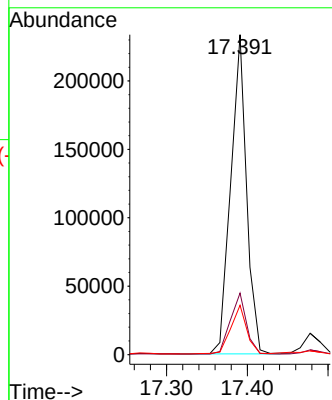
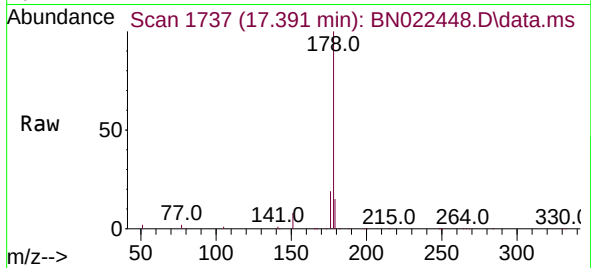




#25
Phenanthrene
Concen: 6.892 ng
RT: 17.391 min Scan# 1737
Delta R.T. 0.004 min
Lab File: BN022448.D
Acq: 02 Nov 2022 00:50

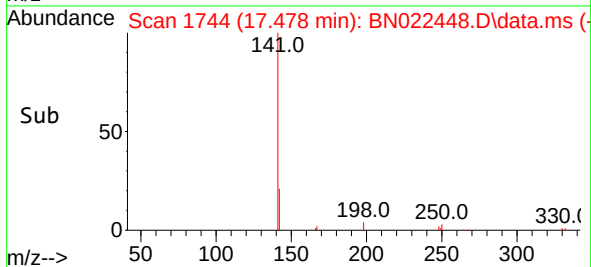
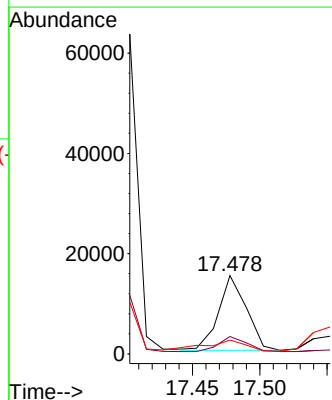
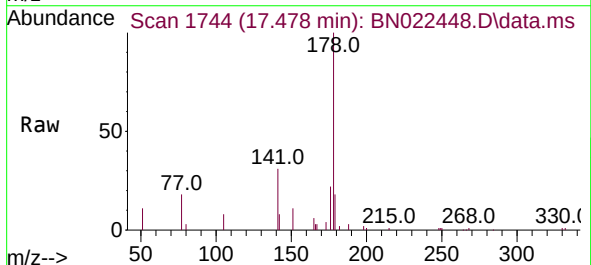
Instrument :
BNA_N
ClientSampleId :
MW-5R

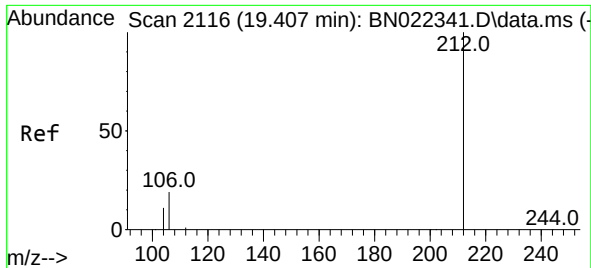
Tgt Ion:178 Resp: 317254
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.5 12.5 18.7



#26
Anthracene
Concen: 0.553 ng
RT: 17.478 min Scan# 1744
Delta R.T. -0.009 min
Lab File: BN022448.D
Acq: 02 Nov 2022 00:50

Tgt Ion:178 Resp: 21439
Ion Ratio Lower Upper
178 100
176 20.4 15.0 22.4
179 22.1 12.2 18.4#

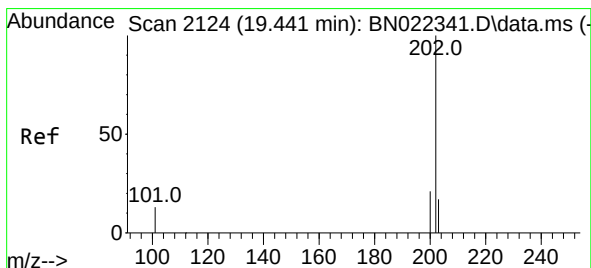
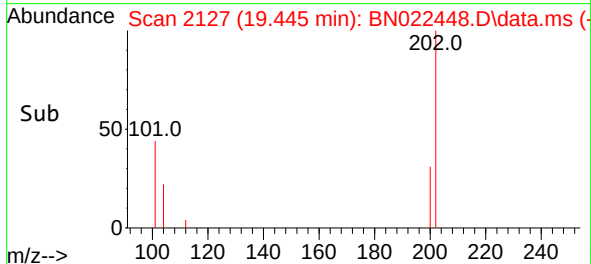
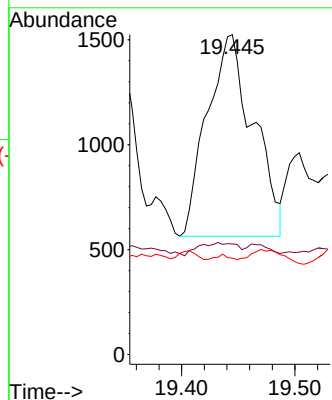
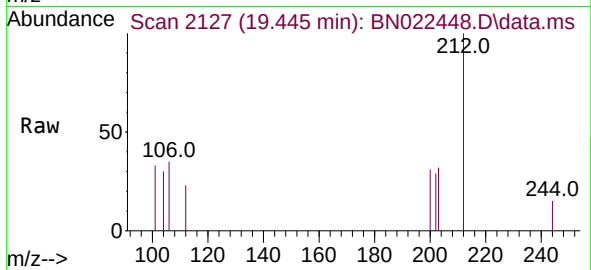




#27
Fluoranthene-d10
Concen: 0.073 ng
RT: 19.445 min Scan# 2116
Delta R.T. 0.054 min
Lab File: BN022448.D
Acq: 02 Nov 2022 00:50

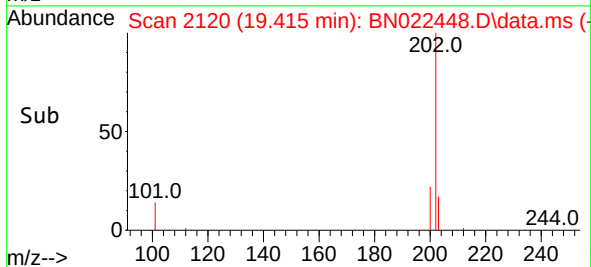
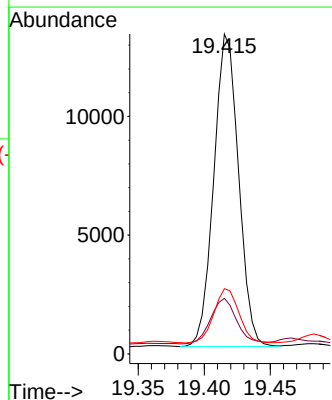
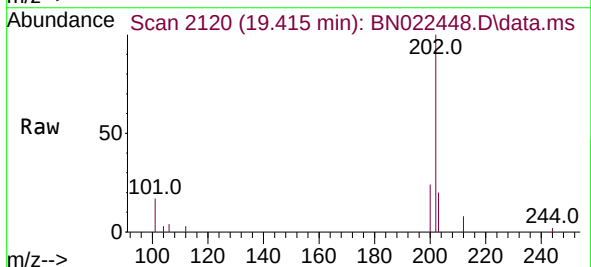
Instrument :
BNA_N
ClientSampleId :
MW-5R

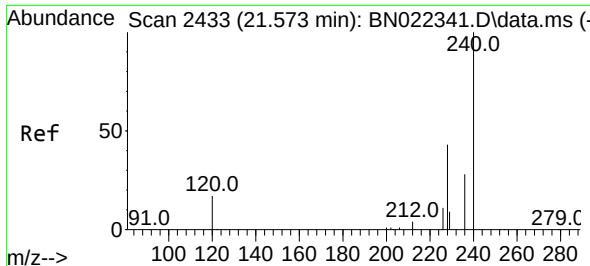
Tgt Ion:212 Resp: 2723
Ion Ratio Lower Upper
212 100
106 5.3 15.0 22.4#
104 0.6 9.3 13.9#



#28
Fluoranthene
Concen: 0.344 ng
RT: 19.415 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN022448.D
Acq: 02 Nov 2022 00:50

Tgt Ion:202 Resp: 17158
Ion Ratio Lower Upper
202 100
101 15.3 11.4 17.0
203 17.4 13.7 20.5

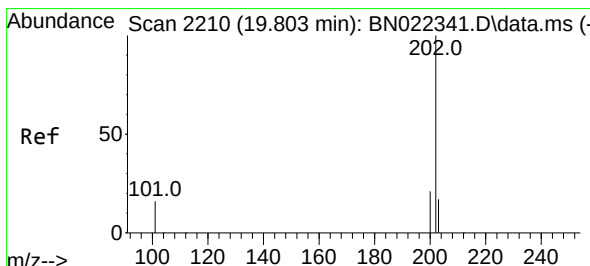
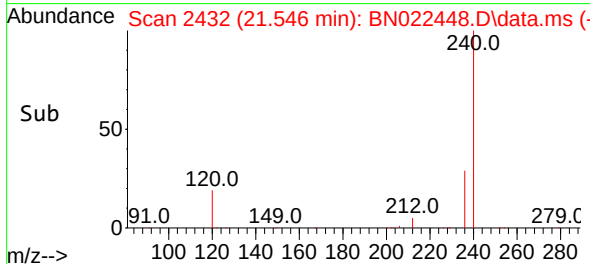
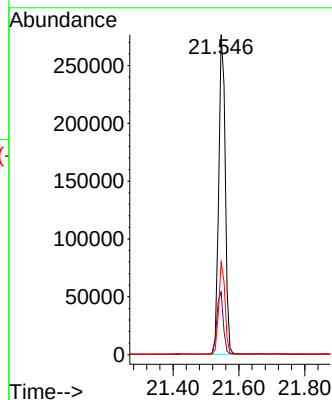
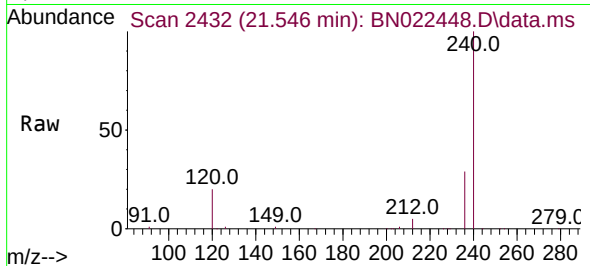




#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.546 min Scan# 2433
Delta R.T. -0.009 min
Lab File: BN022448.D
Acq: 02 Nov 2022 00:50

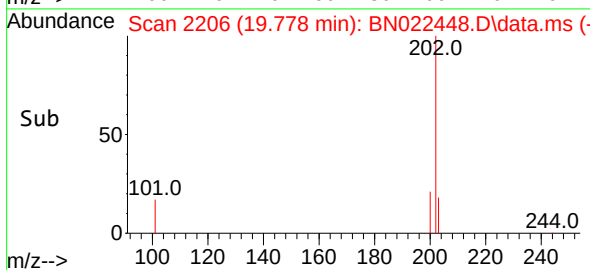
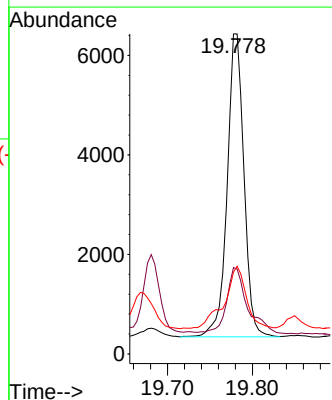
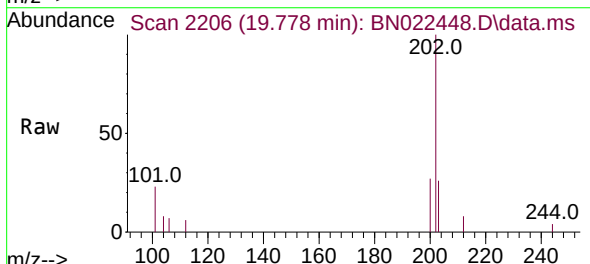
Instrument :
BNA_N
ClientSampleId :
MW-5R

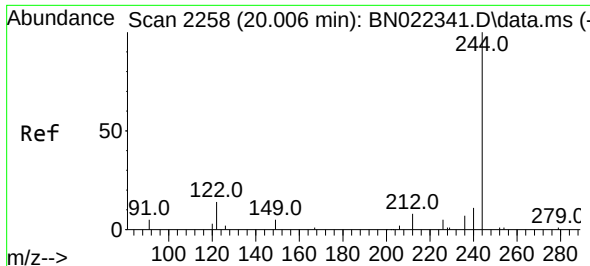
Tgt Ion:240 Resp: 378470
Ion Ratio Lower Upper
240 100
120 19.6 15.8 23.6
236 28.9 23.2 34.8



#30
Pyrene
Concen: 0.240 ng
RT: 19.778 min Scan# 2206
Delta R.T. -0.009 min
Lab File: BN022448.D
Acq: 02 Nov 2022 00:50

Tgt Ion:202 Resp: 8358
Ion Ratio Lower Upper
202 100
200 27.4 16.8 25.2#
203 27.2 14.2 21.2#

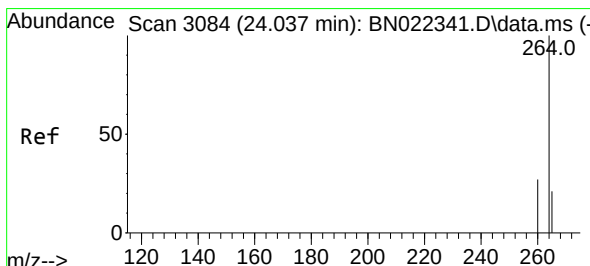
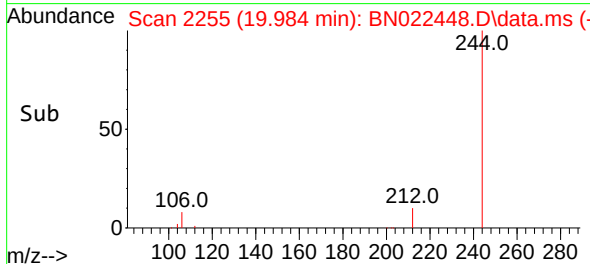
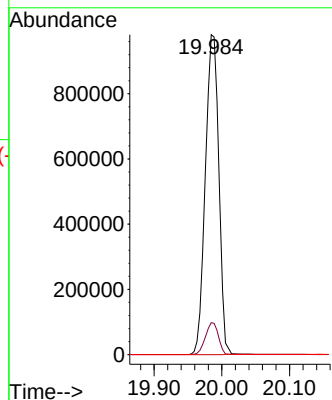
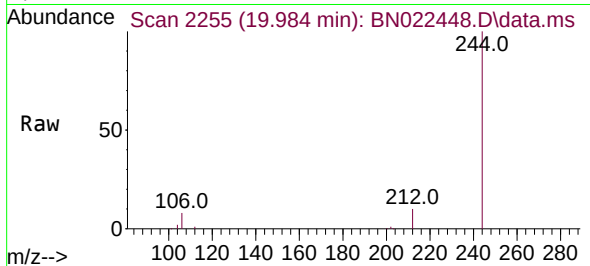




#31
 Terphenyl-d14
 Concen: 95.833 ng
 RT: 19.984 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN022448.D
 Acq: 02 Nov 2022 00:50

Instrument :
 BNA_N
 ClientSampleId :
 MW-5R

Tgt Ion:244 Resp: 1889601
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.0 10.4
 122 0.0 11.5 17.3#



#35
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.993 min Scan# 3071
 Delta R.T. -0.009 min
 Lab File: BN022448.D
 Acq: 02 Nov 2022 00:50

Tgt Ion:264 Resp: 338062
 Ion Ratio Lower Upper
 264 100
 260 26.2 22.1 33.1
 265 22.4 53.0 79.4#

