

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110222\
 Data File : BN022461.D
 Acq On : 02 Nov 2022 12:17
 Operator : CG/JU
 Sample : N4941-01DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 MW-5RDL

Quant Time: Nov 03 06:37:44 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)

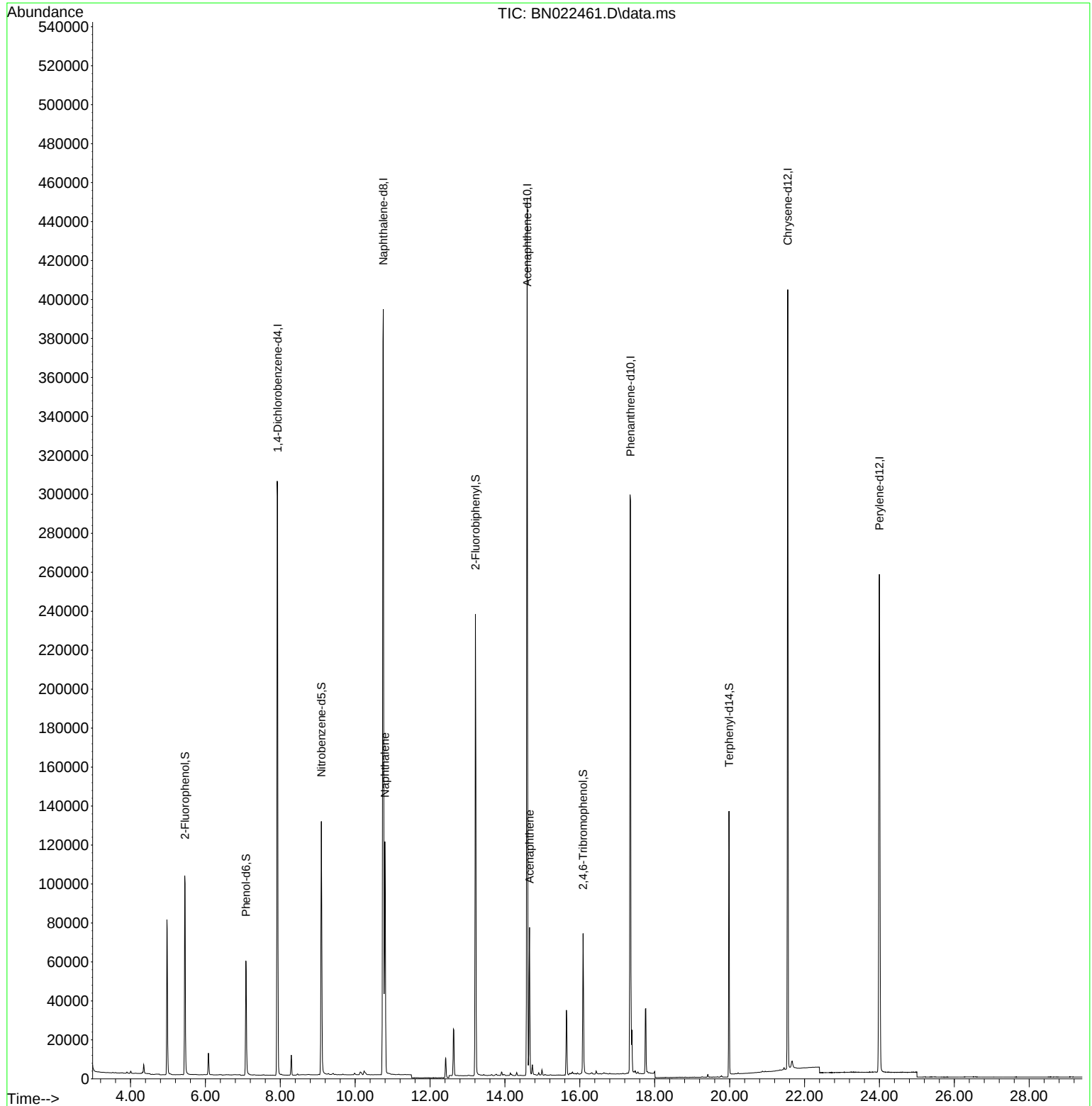
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	153391	20.000	ng	0.00
7) Naphthalene-d8	10.752	136	547218	20.000	ng	# 0.00
13) Acenaphthene-d10	14.593	164	249507	20.000	ng	0.00
19) Phenanthrene-d10	17.354	188	447383	20.000	ng	# 0.00
29) Chrysene-d12	21.555	240	365439	20.000	ng	# 0.00
35) Perylene-d12	23.999	264	369967	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.458	112	82637	10.109	ng	0.00
5) Phenol-d6	7.083	99	57292	5.593	ng	0.00
8) Nitrobenzene-d5	9.097	82	105021	11.096	ng	-0.01
11) 2-Methylnaphthalene-d10	12.349	152	3	0.000	ng	0.00
14) 2,4,6-Tribromophenol	16.088	330	37901	17.672	ng	0.00
15) 2-Fluorobiphenyl	13.214	172	201037	9.419	ng	0.00
27) Fluoranthene-d10	19.445	212	157	0.006	ng	0.05
31) Terphenyl-d14	19.984	244	199694	10.489	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.795	128	152542	4.661	ng	98
16) Acenaphthylene	14.315	152	614	0.025	ng	# 56
17) Acenaphthene	14.657	154	35747	2.169	ng	97
18) Fluorene	15.640	166	22227	0.968	ng	# 98
25) Phenanthrene	17.391	178	20646	0.673	ng	99
26) Anthracene	17.478	178	1349	0.052	ng	# 91
28) Fluoranthene	19.419	202	1198	0.036	ng	97

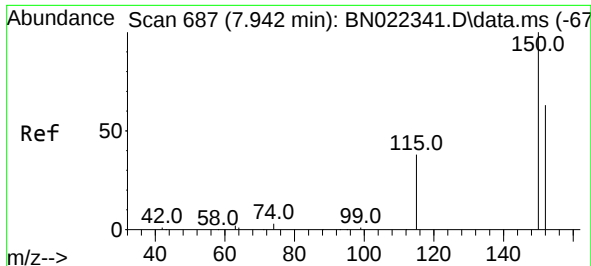
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

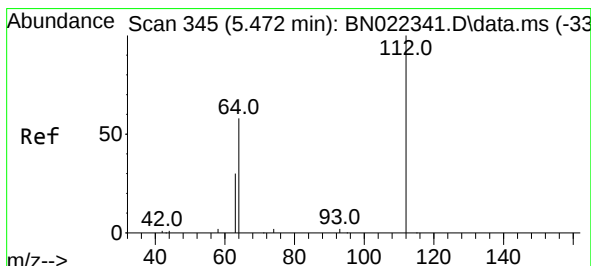
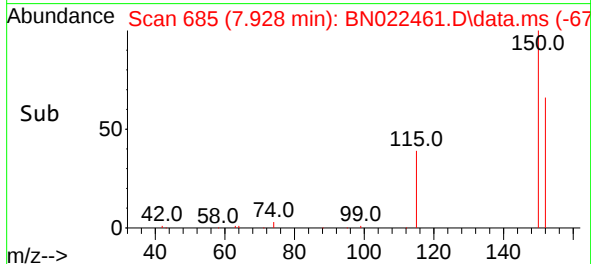
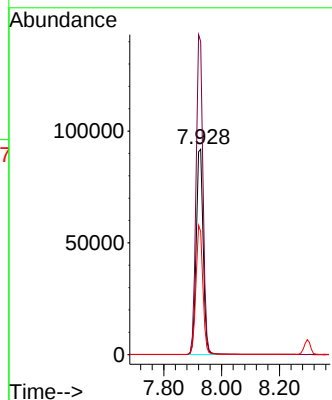
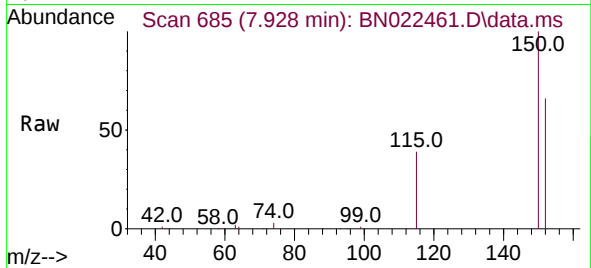




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 687
Delta R.T. -0.000 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

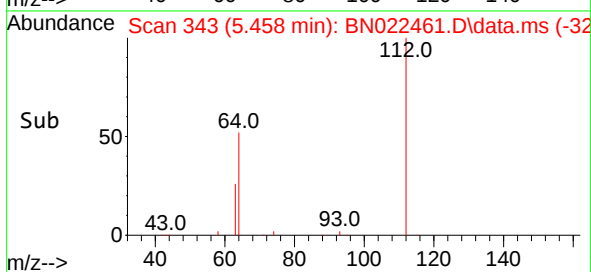
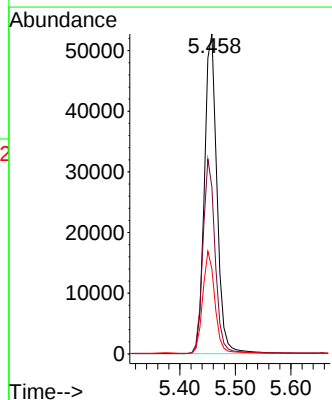
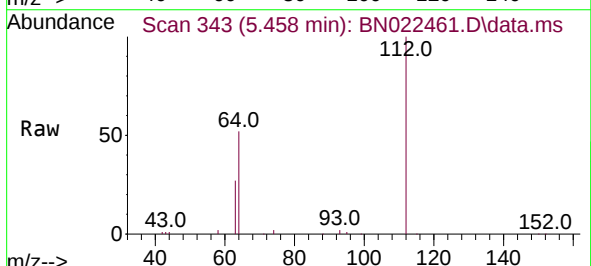
Instrument :
BNA_N
ClientSampleId :
MW-5RDL

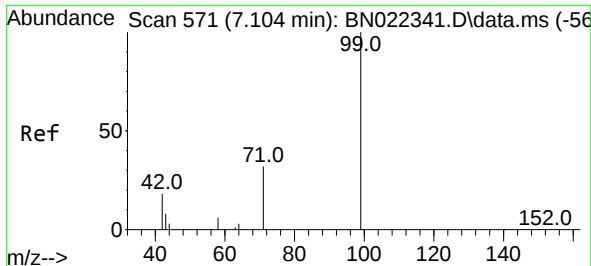
Tgt Ion:152 Resp: 153391
Ion Ratio Lower Upper
152 100
150 152.4 125.2 187.8
115 59.9 52.0 78.0



#4
2-Fluorophenol
Concen: 10.109 ng
RT: 5.458 min Scan# 343
Delta R.T. -0.000 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

Tgt Ion:112 Resp: 82637
Ion Ratio Lower Upper
112 100
64 59.6 47.0 70.4
63 31.2 24.5 36.7

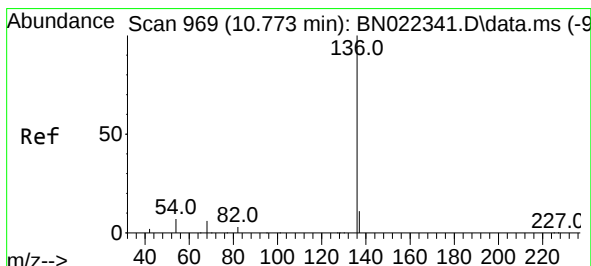
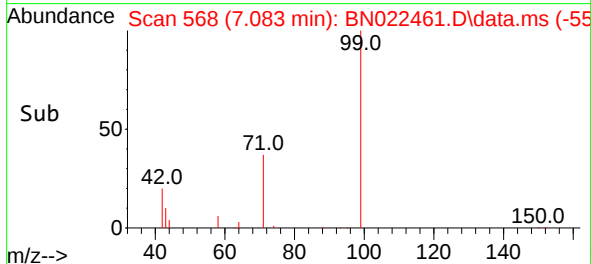
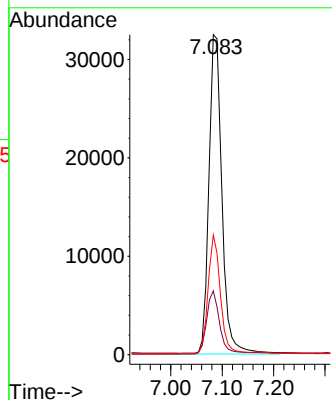
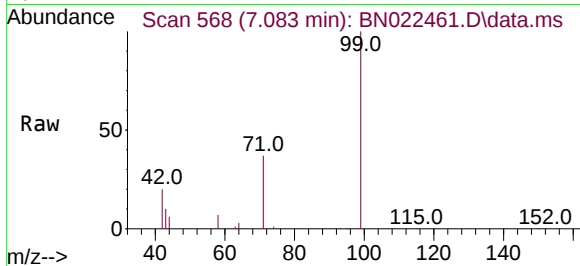




#5
Phenol-d6
Concen: 5.593 ng
RT: 7.083 min Scan# 50
Delta R.T. -0.007 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

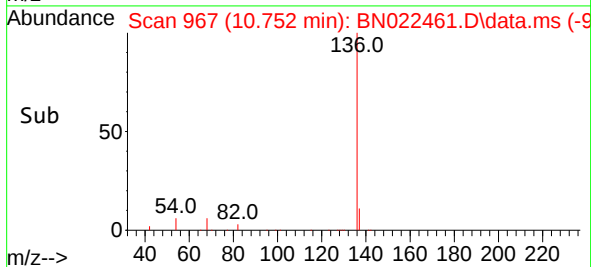
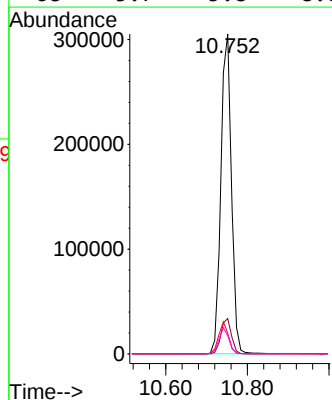
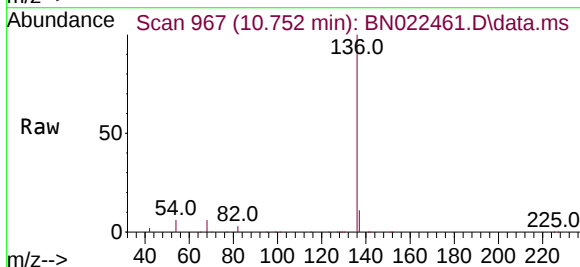
Instrument :
BNA_N
ClientSampleId :
MW-5RDL

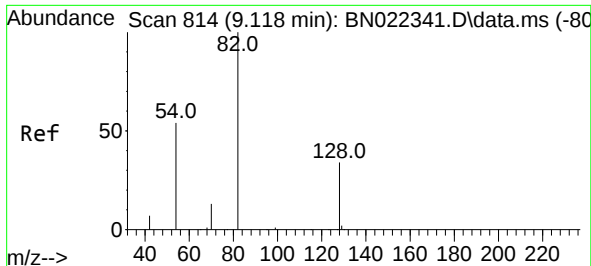
Tgt Ion: 99 Resp: 57292
Ion Ratio Lower Upper
99 100
42 18.8 16.3 24.5
71 34.8 26.1 39.1



#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

Tgt Ion: 136 Resp: 547218
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 6.5 6.5 9.7#
68 5.7 5.8 8.8#

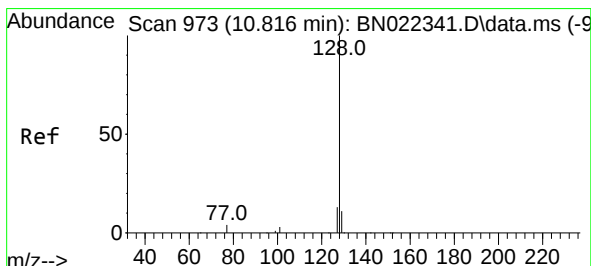
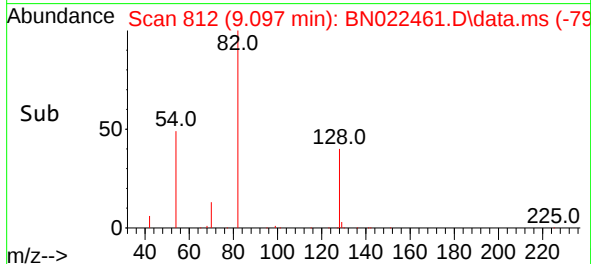
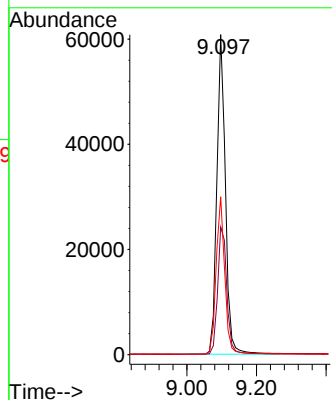
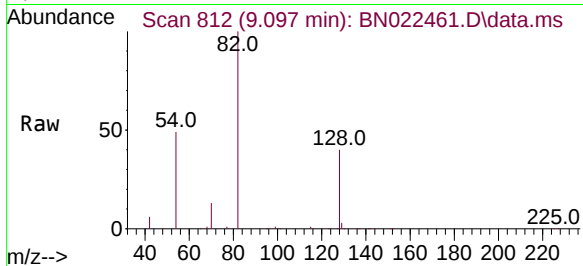




#8
Nitrobenzene-d5
Concen: 11.096 ng
RT: 9.097 min Scan# 814
Delta R.T. -0.011 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

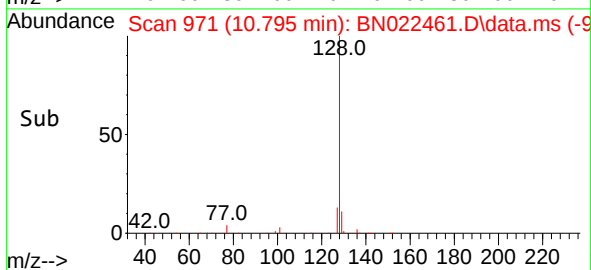
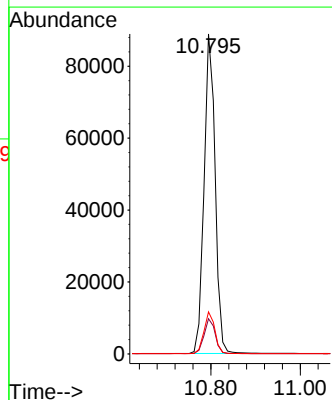
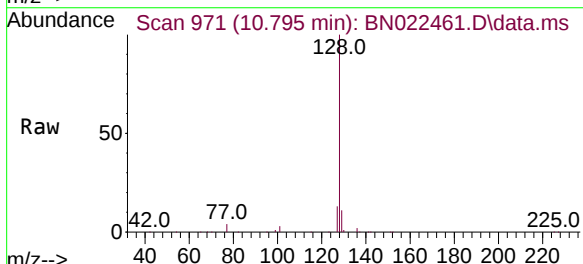
Instrument :
BNA_N
ClientSampleId :
MW-5RDL

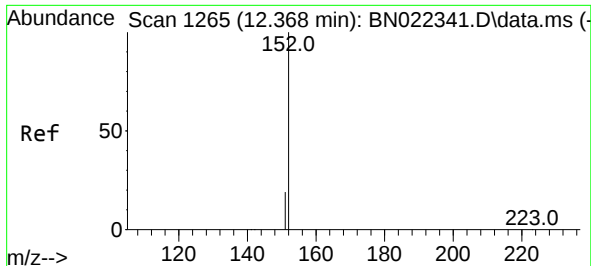
Tgt Ion: 82 Resp: 105021
Ion Ratio Lower Upper
82 100
128 39.9 30.5 45.7
54 49.3 45.2 67.8



#9
Naphthalene
Concen: 4.661 ng
RT: 10.795 min Scan# 971
Delta R.T. -0.000 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

Tgt Ion: 128 Resp: 152542
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.1 11.0 16.6

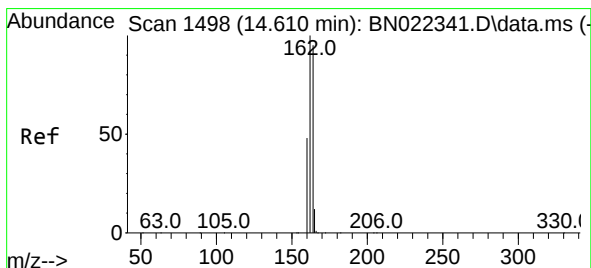
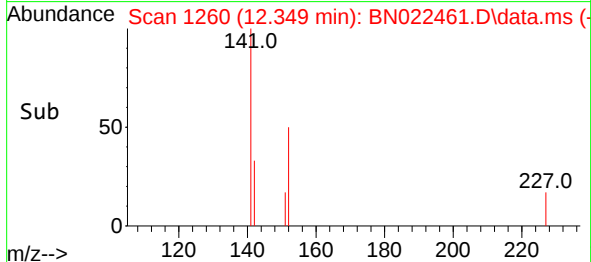
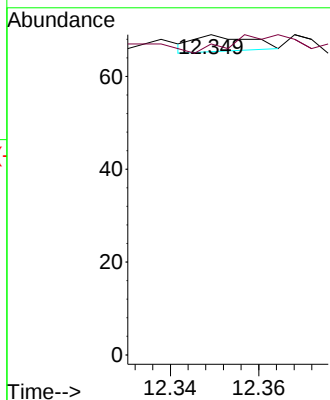
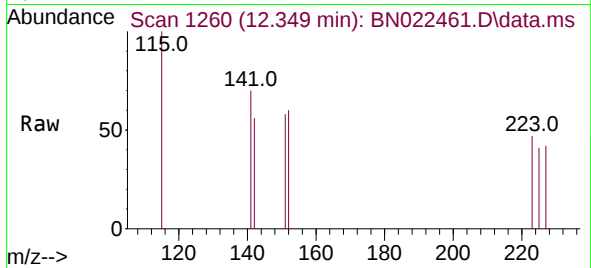




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.349 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

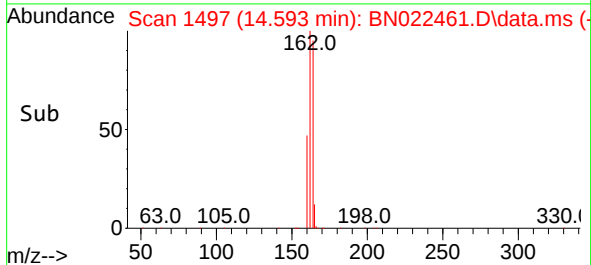
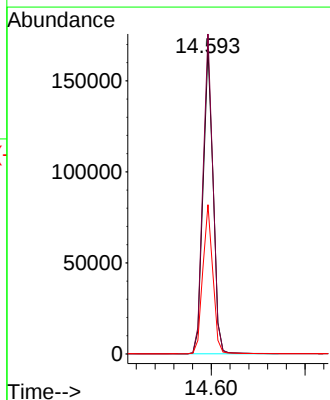
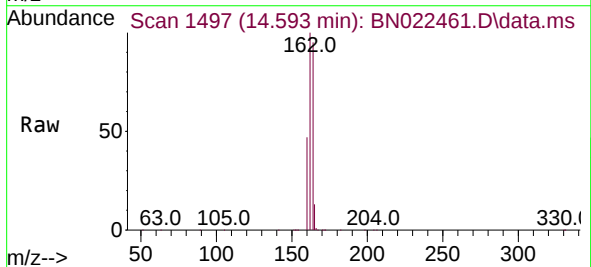
Instrument :
BNA_N
ClientSampleId :
MW-5RDL

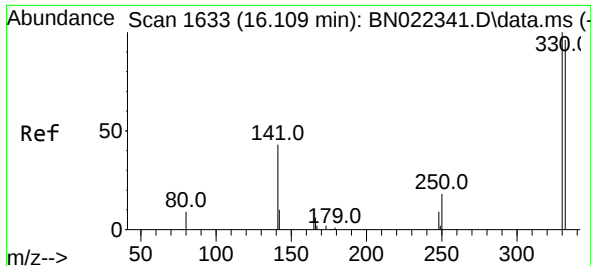
Tgt Ion:152 Resp: 3
Ion Ratio Lower Upper
152 100
151 300.0 16.7 25.1#



#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1497
Delta R.T. 0.004 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

Tgt Ion:164 Resp: 249507
Ion Ratio Lower Upper
164 100
162 104.9 83.9 125.9
160 48.9 41.0 61.4

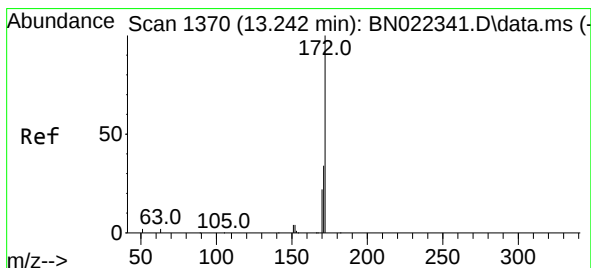
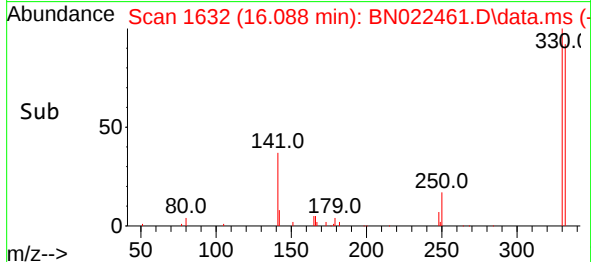
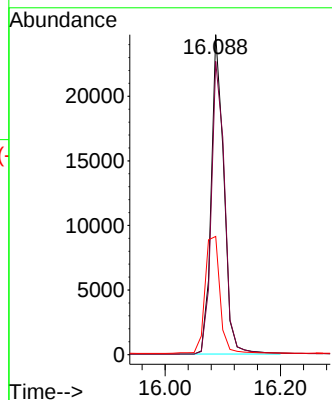
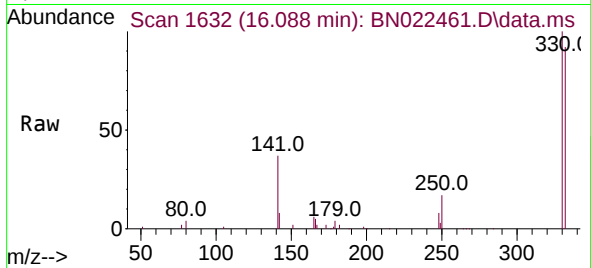




#14
2,4,6-Tribromophenol
Concen: 17.672 ng
RT: 16.088 min Scan# 1632
Delta R.T. -0.009 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

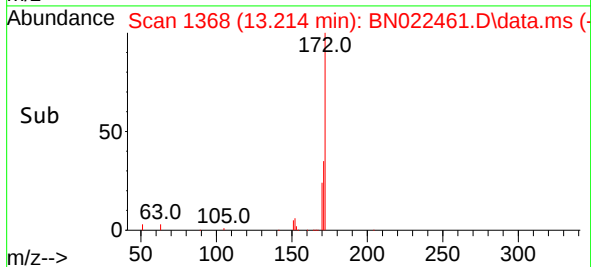
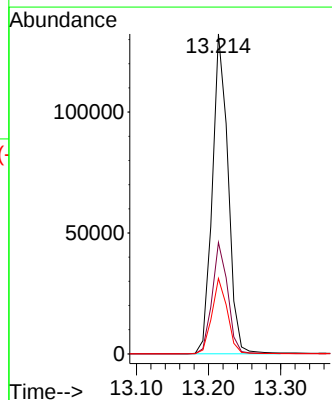
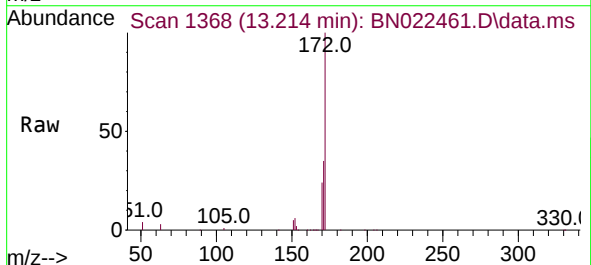
Instrument :
BNA_N
ClientSampleId :
MW-5RDL

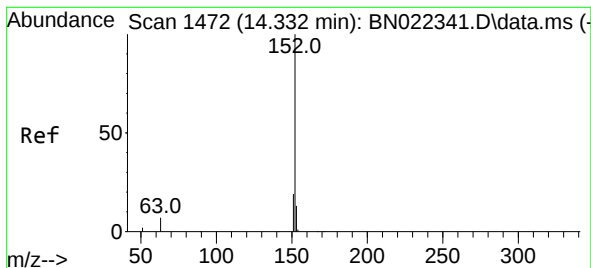
Tgt Ion:330 Resp: 37901
Ion Ratio Lower Upper
330 100
332 96.0 78.6 118.0
141 42.3 40.2 60.4



#15
2-Fluorobiphenyl
Concen: 9.419 ng
RT: 13.214 min Scan# 1368
Delta R.T. -0.007 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

Tgt Ion:172 Resp: 201037
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 23.6 18.5 27.7





#16

Acenaphthylene

Concen: 0.025 ng

RT: 14.315 min Scan# 14

Delta R.T. 0.004 min

Lab File: BN022461.D

Acq: 02 Nov 2022 12:17

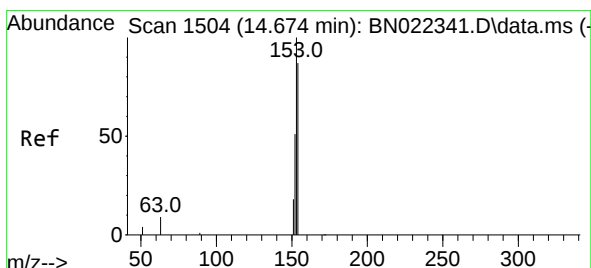
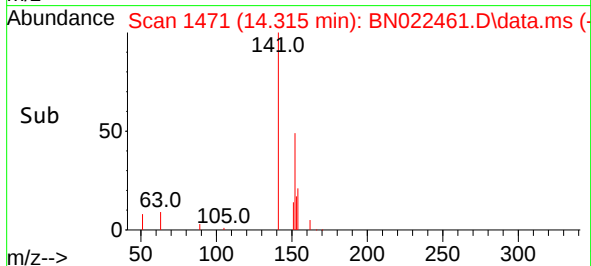
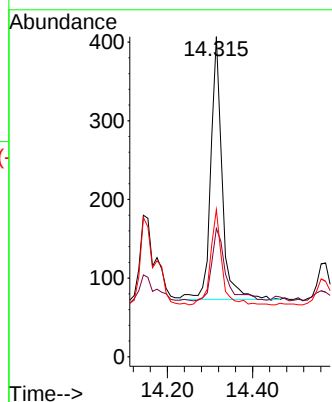
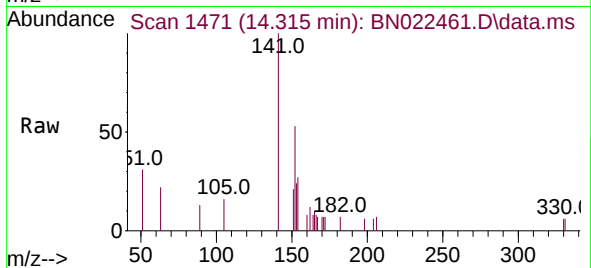
Instrument :

BNA_N

ClientSampleId :

MW-5RDL

Tgt Ion:152	Resp:	614
Ion Ratio	Lower	Upper
152	100	
151	34.2	15.2 22.8#
153	36.3	10.3 15.5#



#17

Acenaphthene

Concen: 2.169 ng

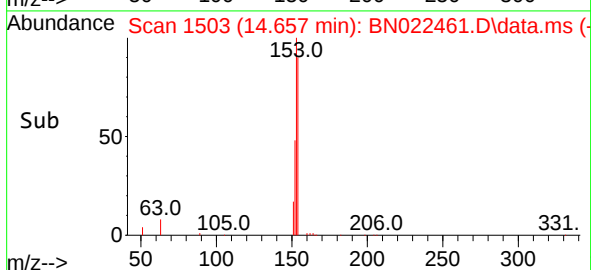
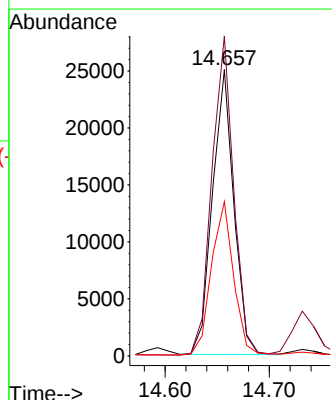
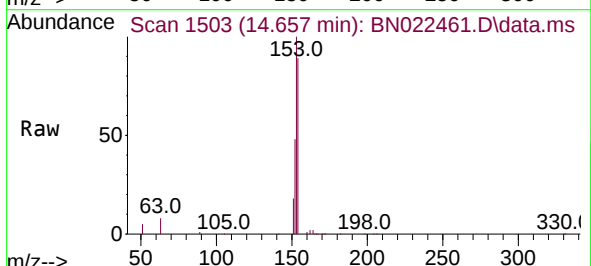
RT: 14.657 min Scan# 1503

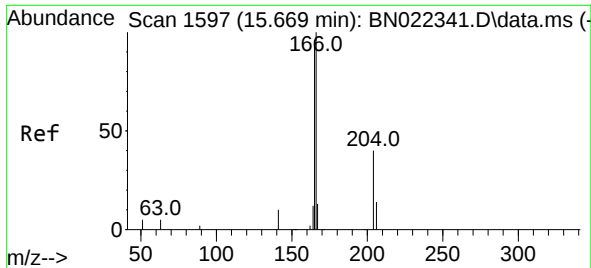
Delta R.T. 0.004 min

Lab File: BN022461.D

Acq: 02 Nov 2022 12:17

Tgt Ion:154	Resp:	35747
Ion Ratio	Lower	Upper
154	100	
153	113.8	92.2 138.2
152	55.6	47.6 71.4

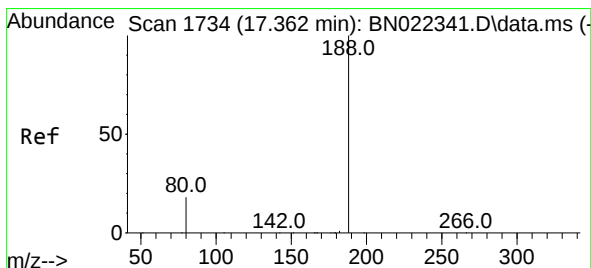
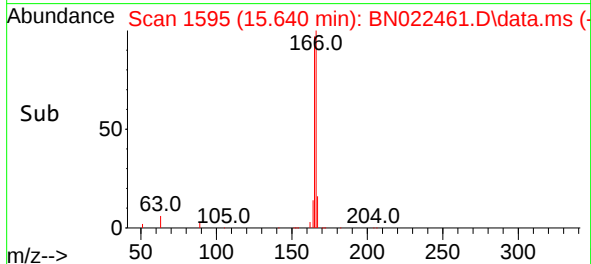
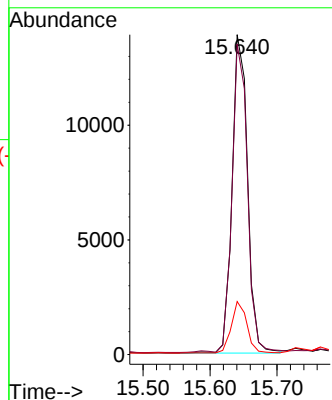
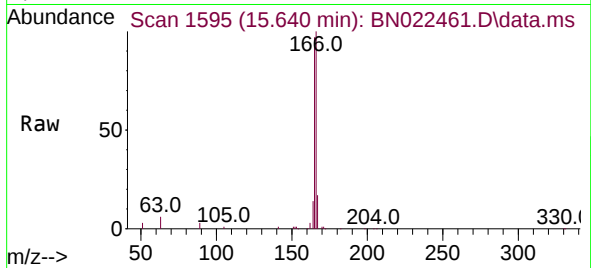




#18
Fluorene
Concen: 0.968 ng
RT: 15.640 min Scan# 1595
Delta R.T. -0.007 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

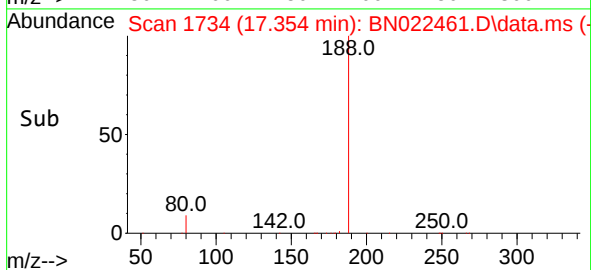
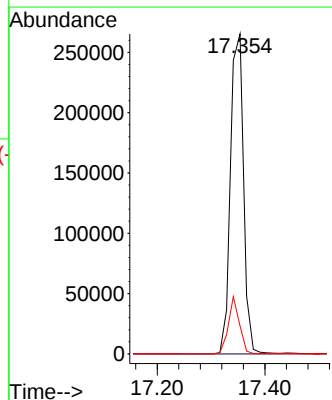
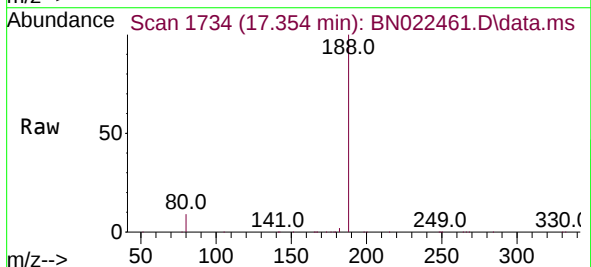
Instrument :
BNA_N
ClientSampleId :
MW-5RDL

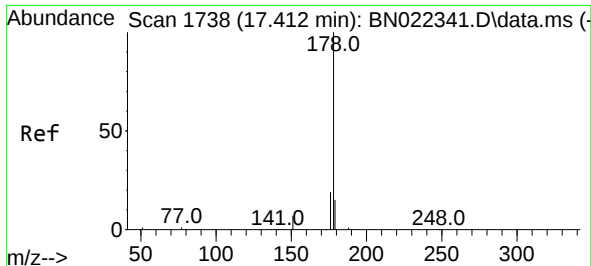
Tgt Ion:166 Resp: 22227
Ion Ratio Lower Upper
166 100
165 96.9 78.6 118.0
167 16.5 10.2 15.4#



#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.354 min Scan# 1734
Delta R.T. 0.004 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

Tgt Ion:188 Resp: 447383
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 15.0 22.6#

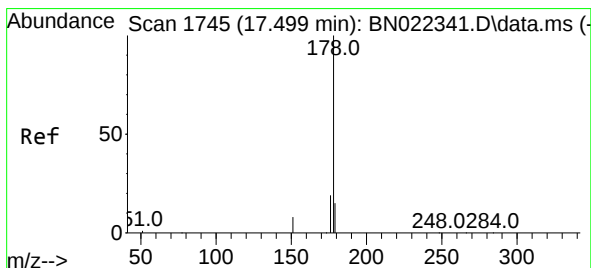
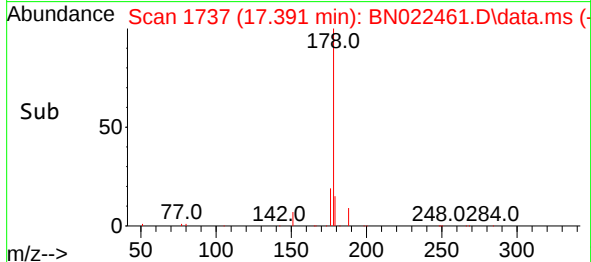
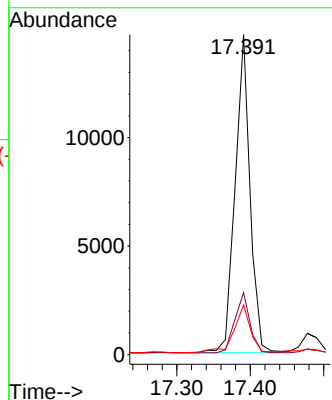
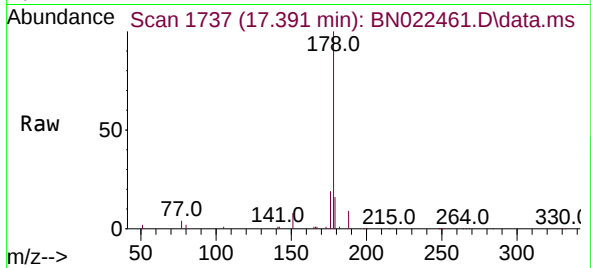




#25
Phenanthrene
Concen: 0.673 ng
RT: 17.391 min Scan# 1737
Delta R.T. 0.004 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

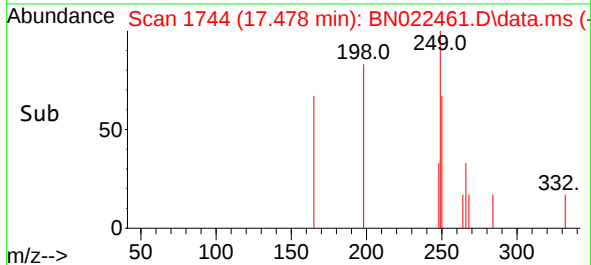
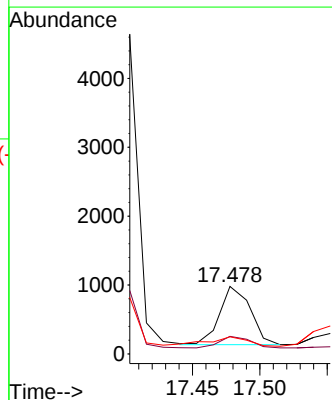
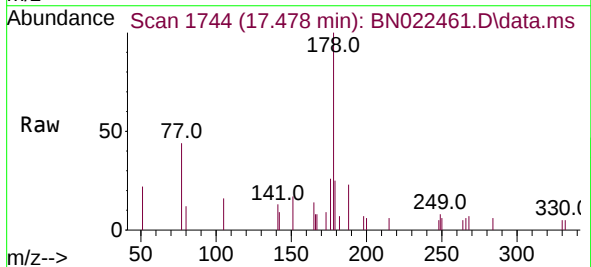
Instrument :
BNA_N
ClientSampleId :
MW-5RDL

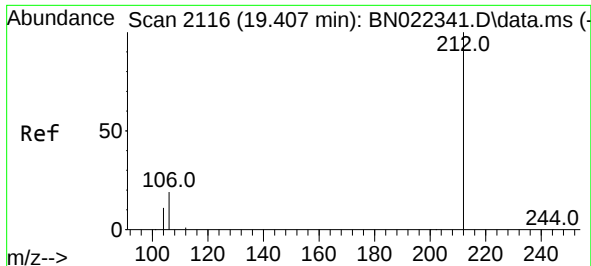
Tgt Ion:178 Resp: 20646
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 16.4 12.5 18.7



#26
Anthracene
Concen: 0.052 ng
RT: 17.478 min Scan# 1744
Delta R.T. -0.009 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

Tgt Ion:178 Resp: 1349
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.4
179 22.2 12.2 18.4#

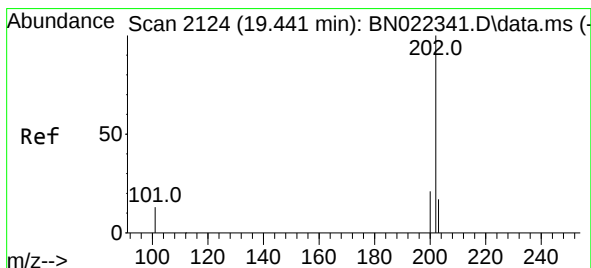
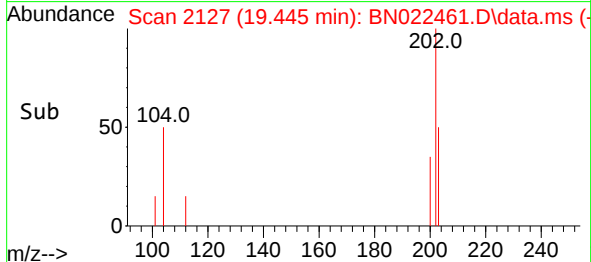
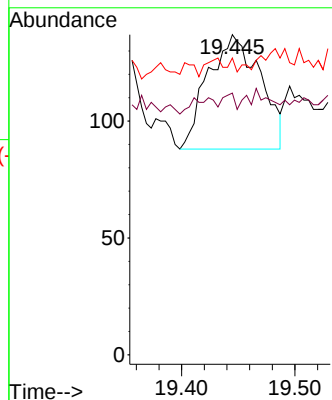
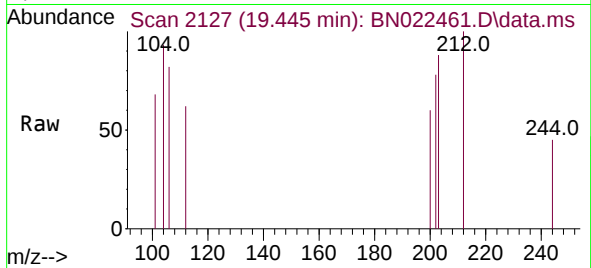




#27
Fluoranthene-d10
Concen: 0.006 ng
RT: 19.445 min Scan# 2116
Delta R.T. 0.054 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

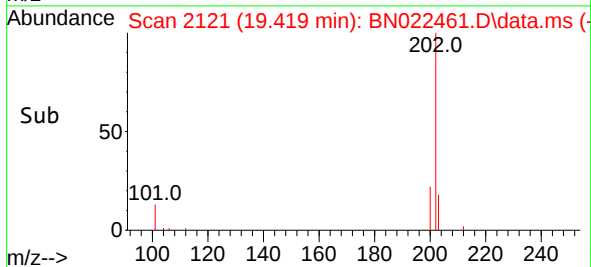
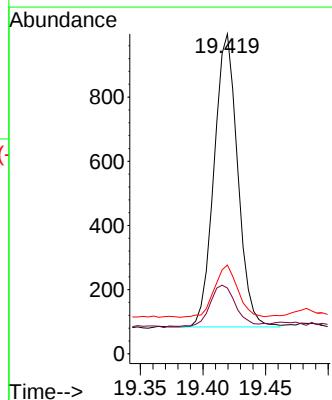
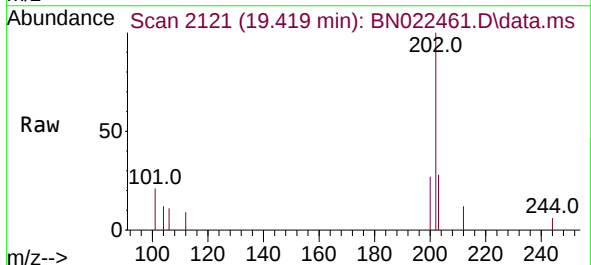
Instrument :
BNA_N
ClientSampleId :
MW-5RDL

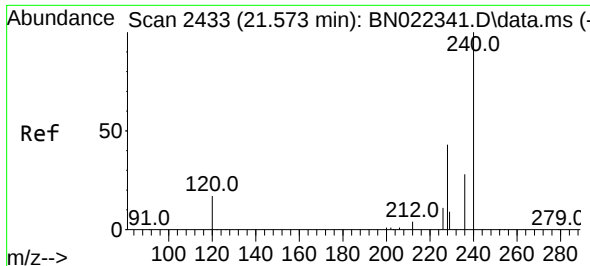
Tgt Ion:212 Resp: 157
Ion Ratio Lower Upper
212 100
106 3.2 15.0 22.4#
104 5.7 9.3 13.9#



#28
Fluoranthene
Concen: 0.036 ng
RT: 19.419 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

Tgt Ion:202 Resp: 1198
Ion Ratio Lower Upper
202 100
101 16.6 11.4 17.0
203 17.6 13.7 20.5

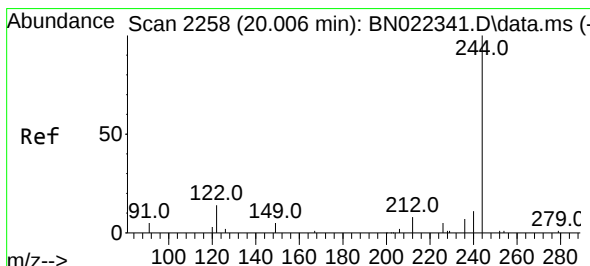
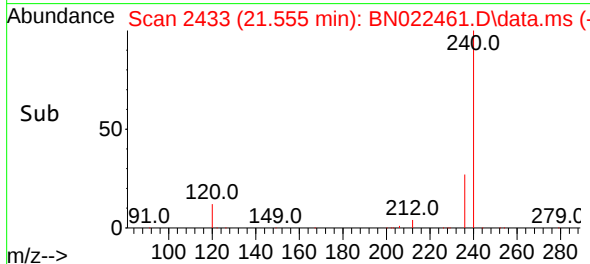
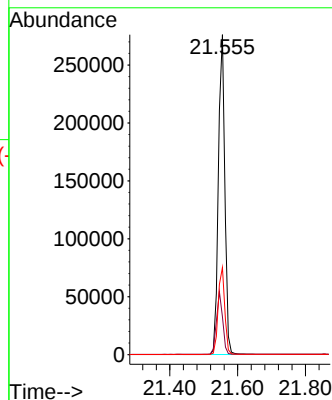
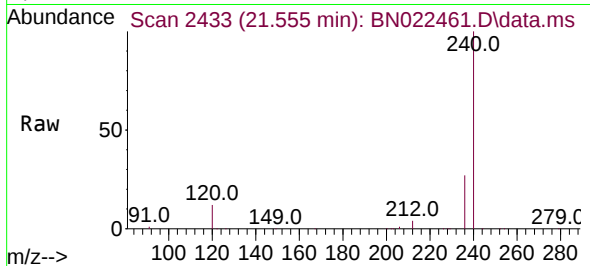




#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.555 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

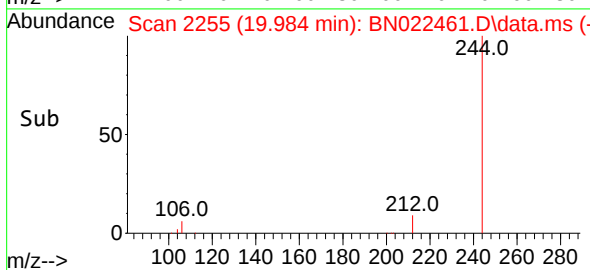
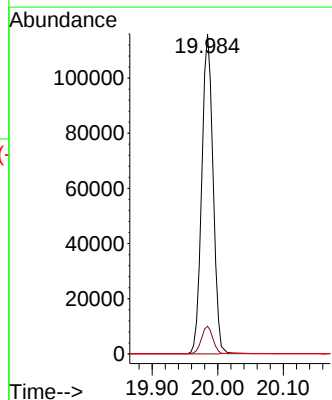
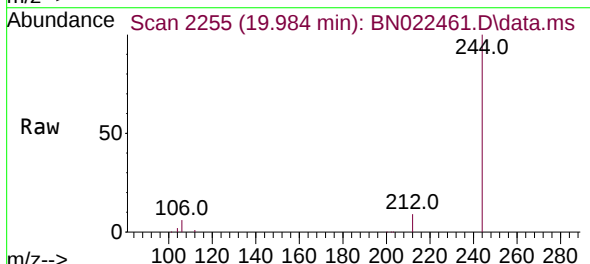
Instrument :
BNA_N
ClientSampleId :
MW-5RDL

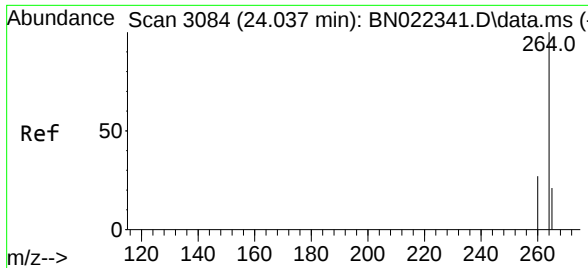
Tgt Ion:240 Resp: 365439
Ion Ratio Lower Upper
240 100
120 11.8 15.8 23.6#
236 27.2 23.2 34.8



#31
Terphenyl-d14
Concen: 10.489 ng
RT: 19.984 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BN022461.D
Acq: 02 Nov 2022 12:17

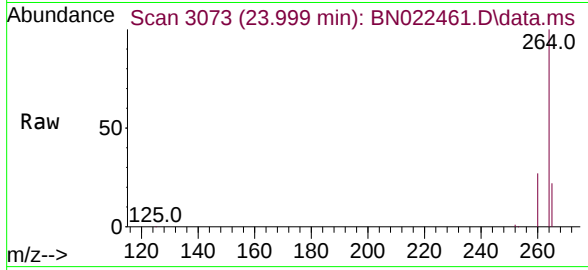
Tgt Ion:244 Resp: 199694
Ion Ratio Lower Upper
244 100
212 8.6 7.0 10.4
122 0.0 11.5 17.3#





#35
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.999 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BN022461.D
 Acq: 02 Nov 2022 12:17

Instrument :
 BNA_N
 ClientSampleId :
 MW-5RDL



Tgt Ion:264 Resp: 369967
 Ion Ratio Lower Upper
 264 100
 260 26.6 22.1 33.1
 265 22.2 53.0 79.4#

