

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
 Data File : BN023152.D
 Acq On : 13 Dec 2022 03:11
 Operator : CG/JU
 Sample : N6001-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-16

Quant Time: Dec 13 05:48:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:18:26 2022
 Response via : Initial Calibration

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

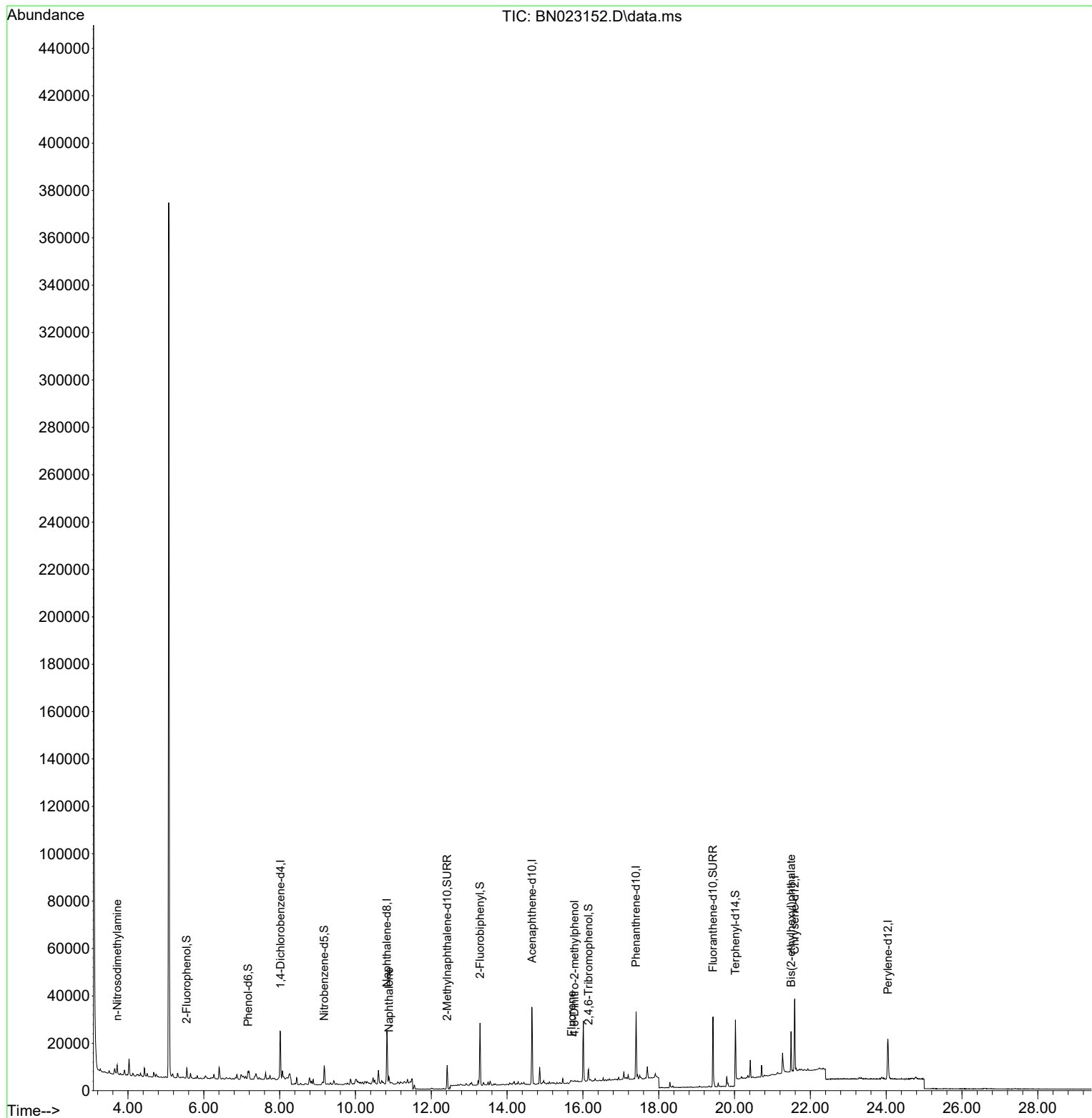
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	9198	0.400	ng	0.00
7) Naphthalene-d8	10.829	136	29174	0.400	ng	#-0.01
13) Acenaphthene-d10	14.655	164	16338	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	35153	0.400	ng	# 0.00
29) Chrysene-d12	21.589	240	28972	0.400	ng	0.00
35) Perylene-d12	24.044	264	24558	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.550	112	3290	0.192	ng	0.00
5) Phenol-d6	7.168	99	2756	0.127	ng	0.00
8) Nitrobenzene-d5	9.174	82	6481	0.337	ng	-0.01
11) 2-Methylnaphthalene-d10	12.420	152	12984	0.262	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	2867	0.484	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	21235	0.325	ng	0.00
27) Fluoranthene-d10	19.431	212	30777	0.374	ng	0.00
31) Terphenyl-d14	20.022	244	16316	0.347	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.716	42	541	0.061	ng	# 1
9) Naphthalene	10.882	128	2637	0.035	ng	# 89
18) Fluorene	15.703	166	1702	0.031	ng	# 34
20) 4,6-Dinitro-2-methylph...	15.776	198	54	0.240	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.491	149	14941	0.379	ng	99

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

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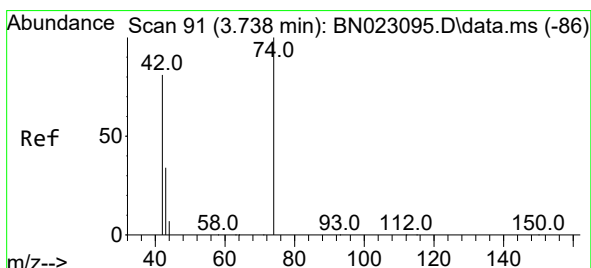
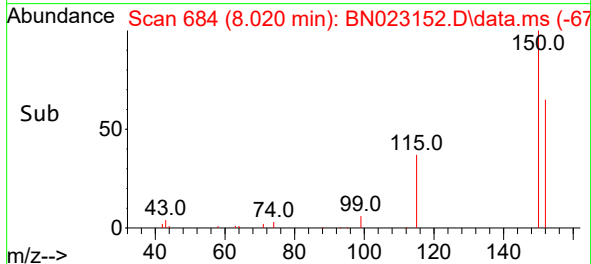
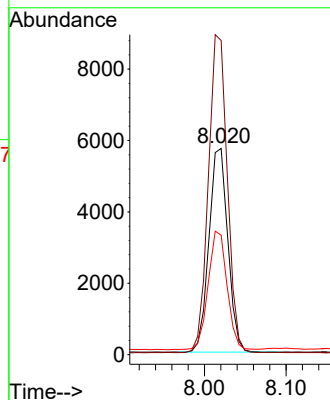
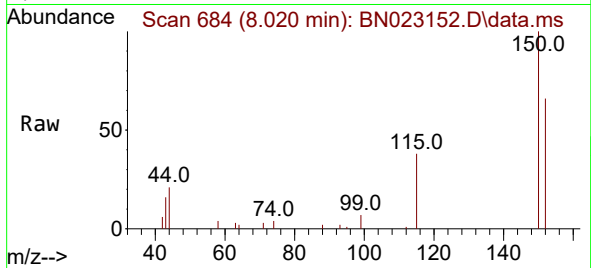




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.020 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN023152.D
 Acq: 13 Dec 2022 03:11

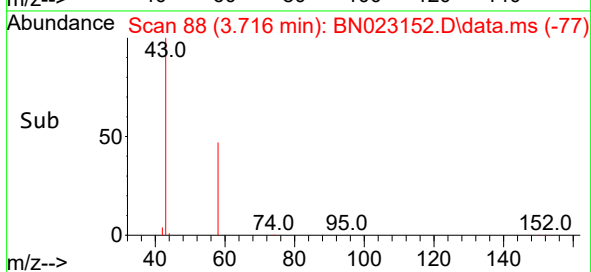
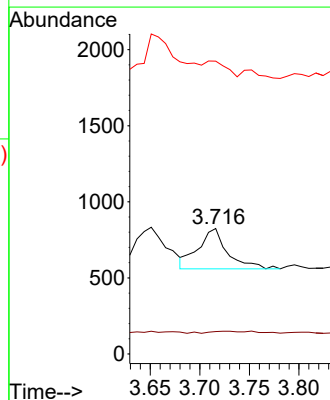
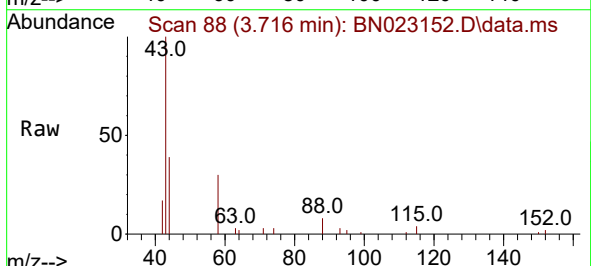
Instrument :
 BNA_N
 ClientSampleId :
 MW-16

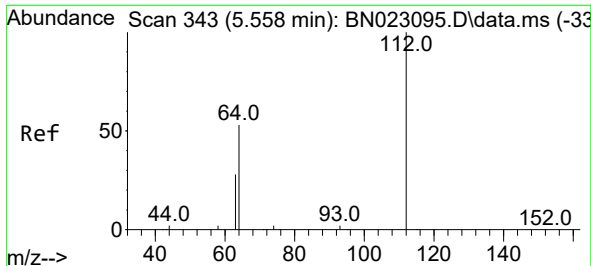
Tgt Ion:152 Resp: 9198
 Ion Ratio Lower Upper
 152 100
 150 152.4 125.6 188.4
 115 58.0 49.0 73.4



#3
 n-Nitrosodimethylamine
 Concen: 0.061 ng
 RT: 3.716 min Scan# 88
 Delta R.T. -0.022 min
 Lab File: BN023152.D
 Acq: 13 Dec 2022 03:11

Tgt Ion: 42 Resp: 541
 Ion Ratio Lower Upper
 42 100
 74 0.0 95.8 143.6#
 44 0.0 8.4 12.6#

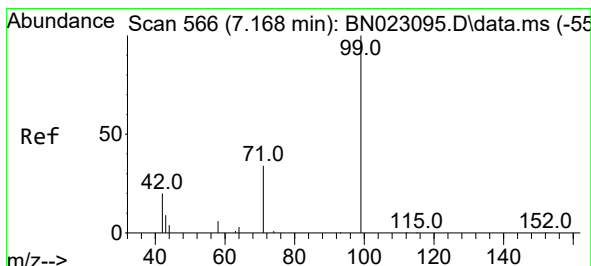
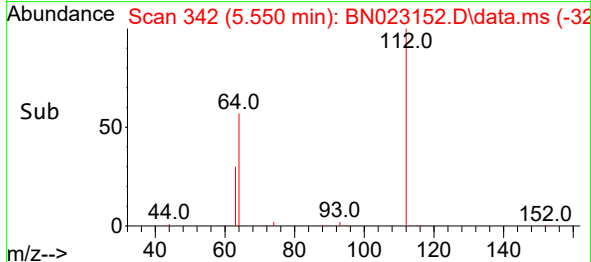
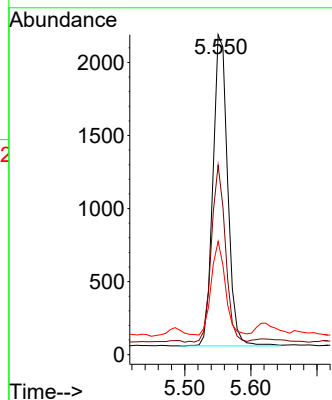
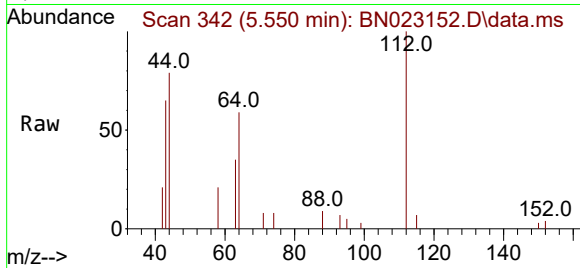




#4
2-Fluorophenol
Concen: 0.192 ng
RT: 5.550 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN023152.D
Acq: 13 Dec 2022 03:11

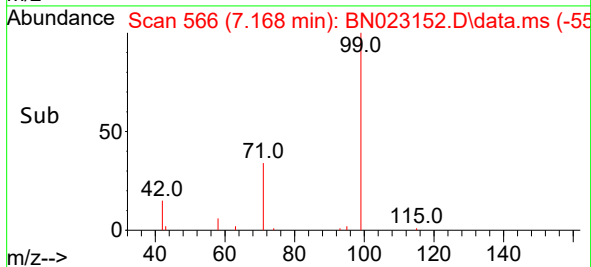
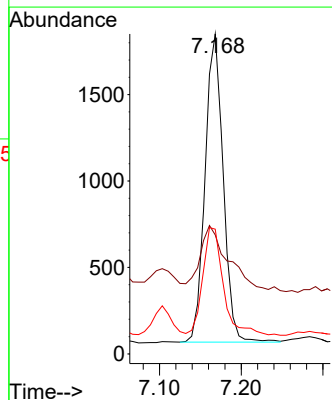
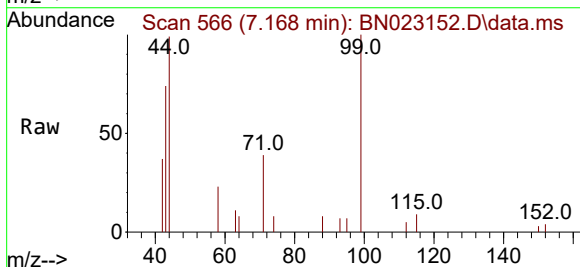
Instrument :
BNA_N
ClientSampleId :
MW-16

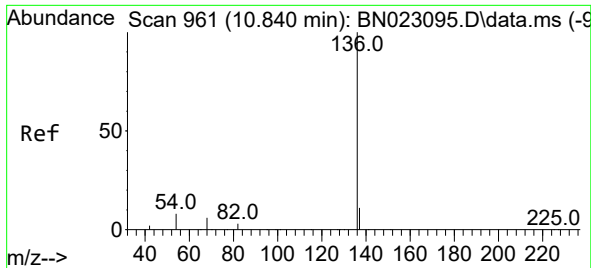
Tgt Ion:112 Resp: 3290
Ion Ratio Lower Upper
112 100
64 54.1 44.4 66.6
63 28.0 23.7 35.5



#5
Phenol-d6
Concen: 0.127 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.000 min
Lab File: BN023152.D
Acq: 13 Dec 2022 03:11

Tgt Ion: 99 Resp: 2756
Ion Ratio Lower Upper
99 100
42 33.9 16.3 24.5#
71 39.8 26.5 39.7#

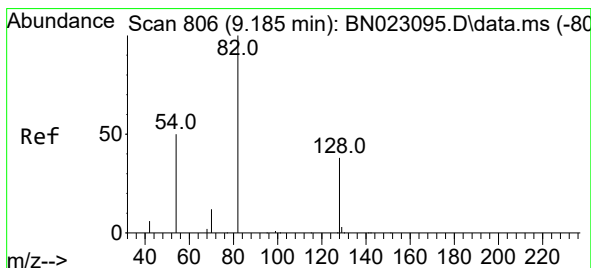
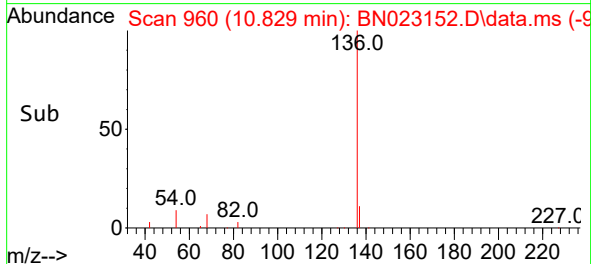
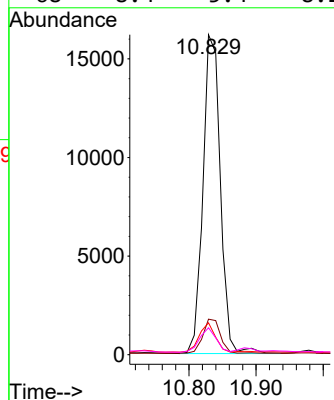
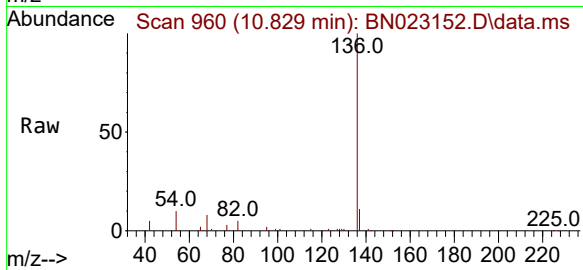




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.829 min Scan# 90
Delta R.T. -0.011 min
Lab File: BN023152.D
Acq: 13 Dec 2022 03:11

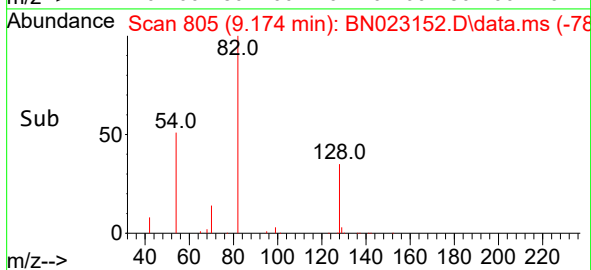
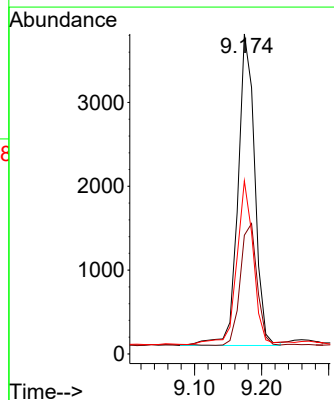
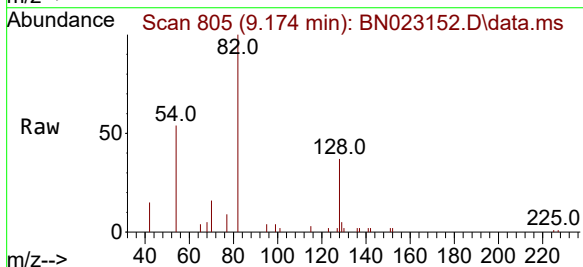
Instrument :
BNA_N
ClientSampleId :
MW-16

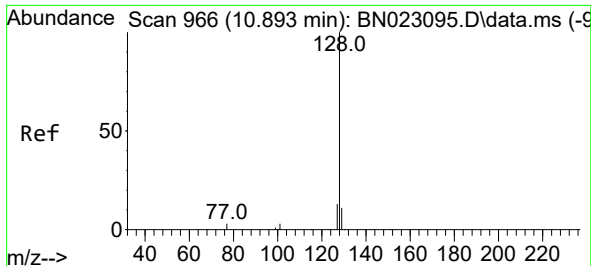
Tgt Ion:136	Resp:	29174
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	9.9	6.5 9.7#
68	8.4	5.4 8.2#



#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 9.174 min Scan# 805
Delta R.T. -0.011 min
Lab File: BN023152.D
Acq: 13 Dec 2022 03:11

Tgt Ion: 82	Resp:	6481
Ion Ratio	Lower	Upper
82	100	
128	37.1	31.4 47.2
54	54.1	41.0 61.4

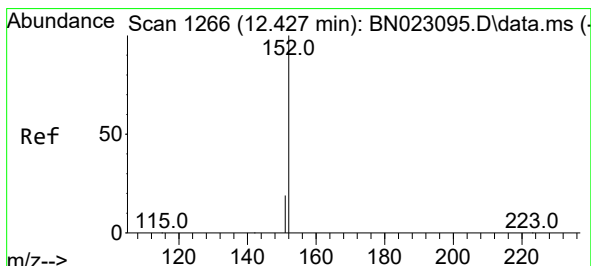
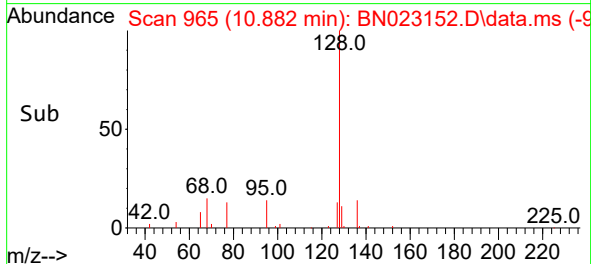
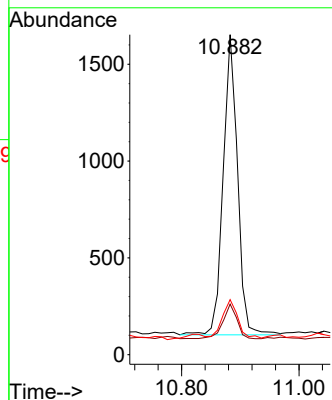
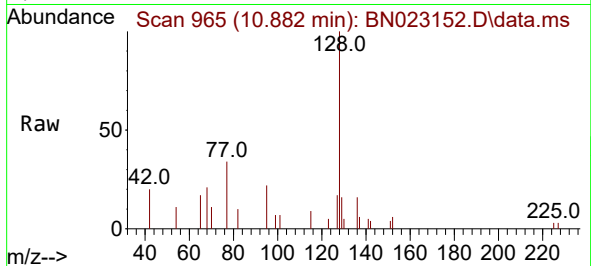




#9
Naphthalene
Concen: 0.035 ng
RT: 10.882 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN023152.D
Acq: 13 Dec 2022 03:11

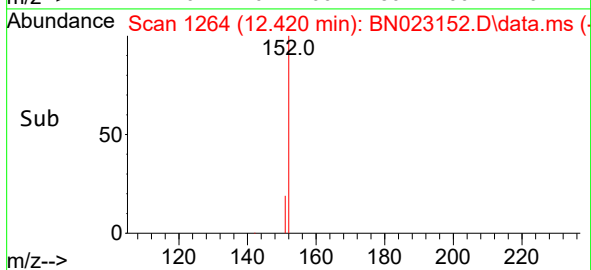
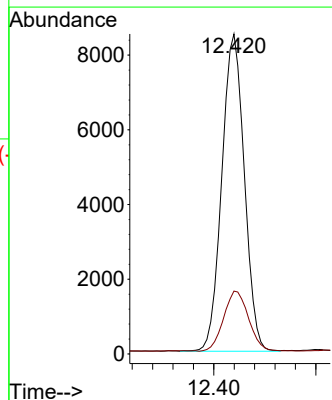
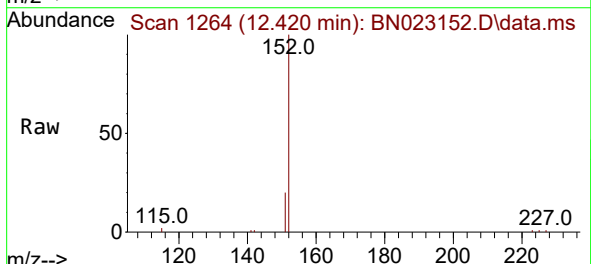
Instrument :
BNA_N
ClientSampleId :
MW-16

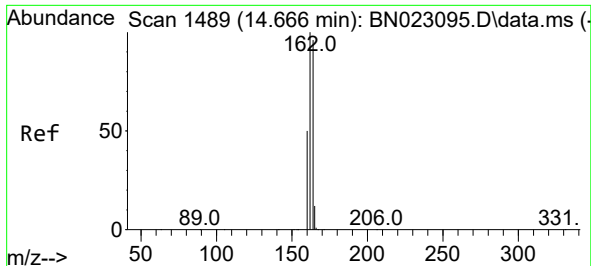
Tgt Ion:128 Resp: 2637
Ion Ratio Lower Upper
128 100
129 15.8 9.0 13.6#
127 17.2 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.420 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BN023152.D
Acq: 13 Dec 2022 03:11

Tgt Ion:152 Resp: 12984
Ion Ratio Lower Upper
152 100
151 21.0 15.1 22.7

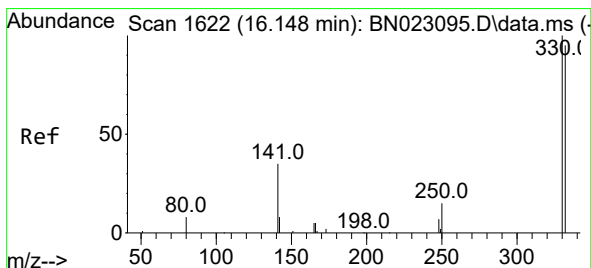
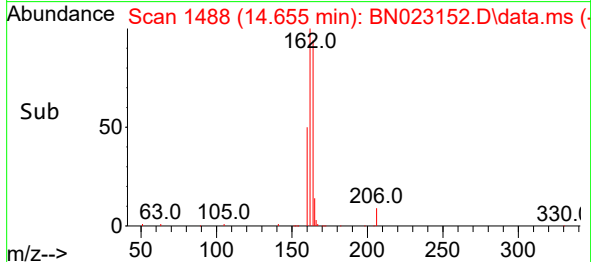
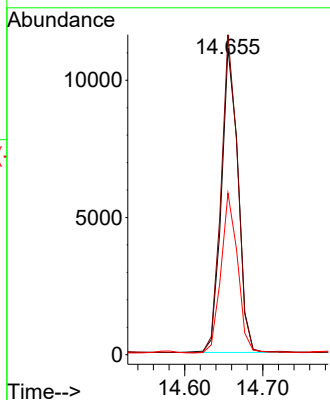
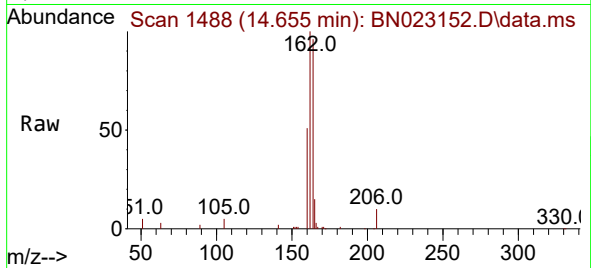




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.655 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN023152.D
Acq: 13 Dec 2022 03:11

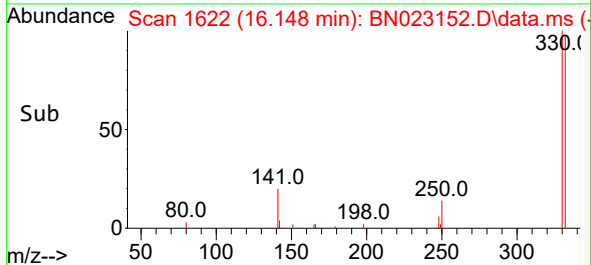
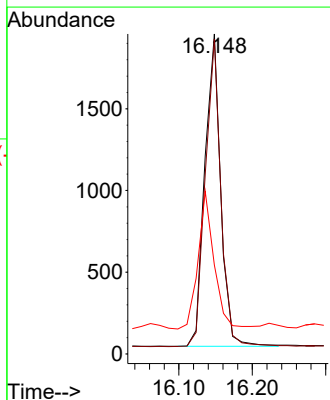
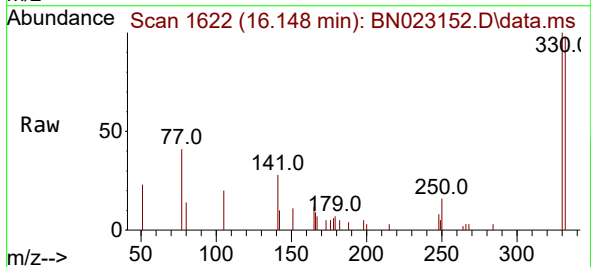
Instrument :
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ClientSampleId :
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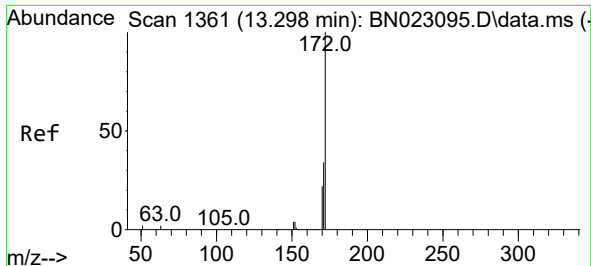
Tgt Ion:164 Resp: 16338
Ion Ratio Lower Upper
164 100
162 104.3 83.4 125.0
160 52.7 41.8 62.8



#14
2,4,6-Tribromophenol
Concen: 0.484 ng
RT: 16.148 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN023152.D
Acq: 13 Dec 2022 03:11

Tgt Ion:330 Resp: 2867
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 44.2 33.5 50.3

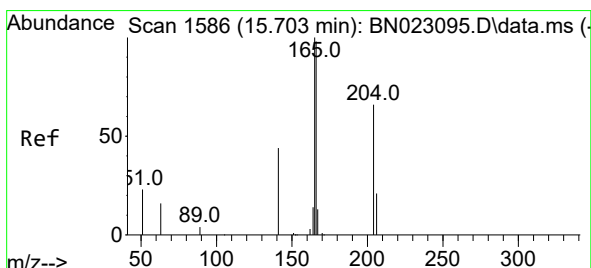
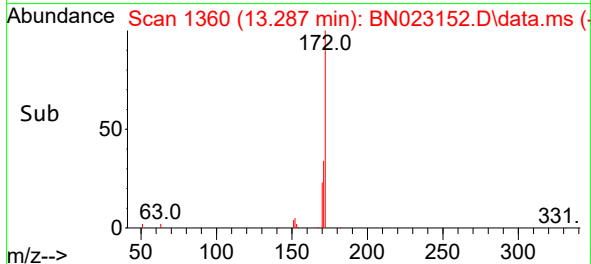
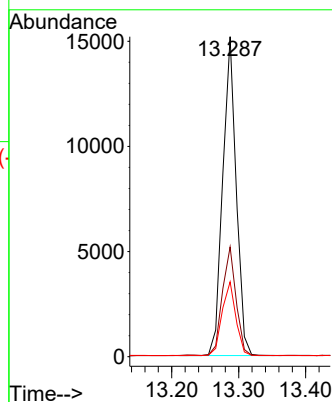
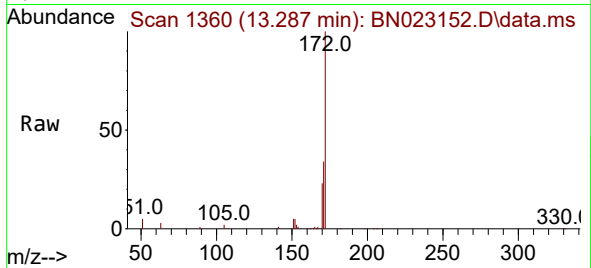




#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 13.287 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BN023152.D
Acq: 13 Dec 2022 03:11

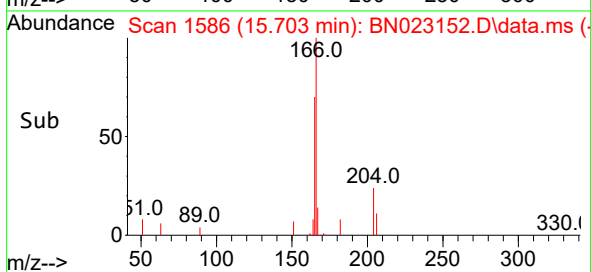
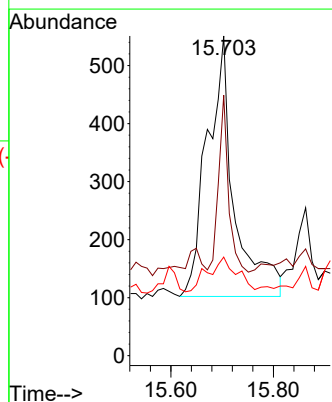
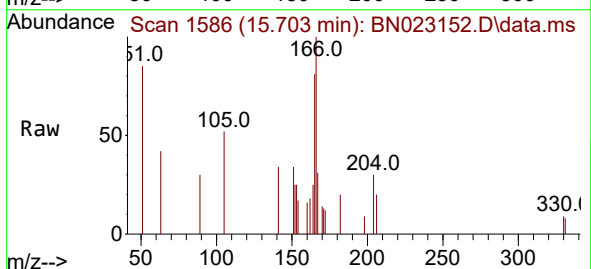
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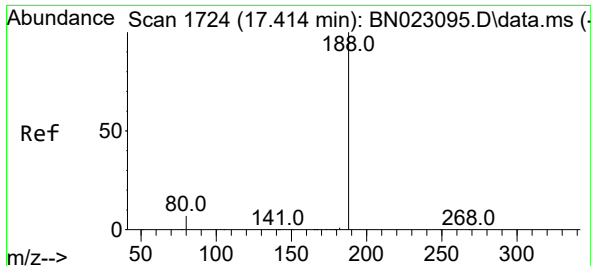
Tgt Ion:172 Resp: 21235
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.0
170 23.4 17.9 26.9



#18
Fluorene
Concen: 0.031 ng
RT: 15.703 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BN023152.D
Acq: 13 Dec 2022 03:11

Tgt Ion:166 Resp: 1702
Ion Ratio Lower Upper
166 100
165 25.3 79.8 119.6#
167 14.2 10.6 16.0

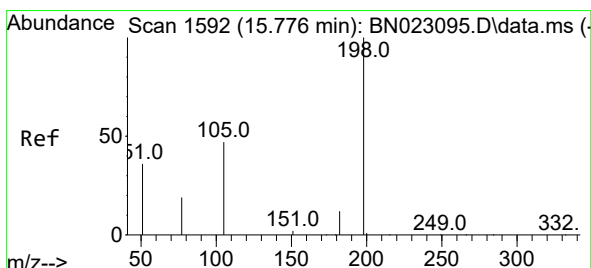
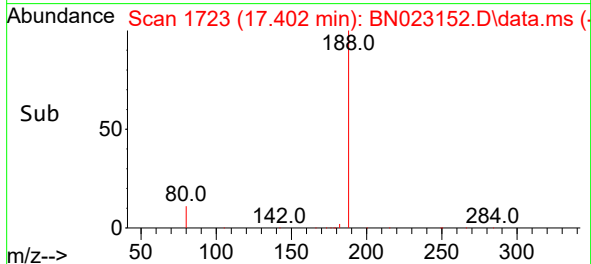
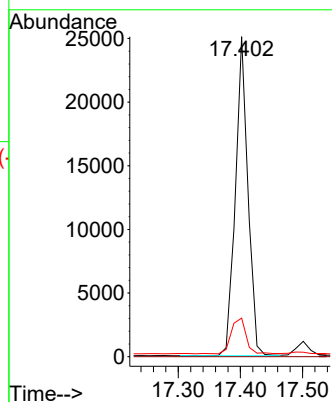
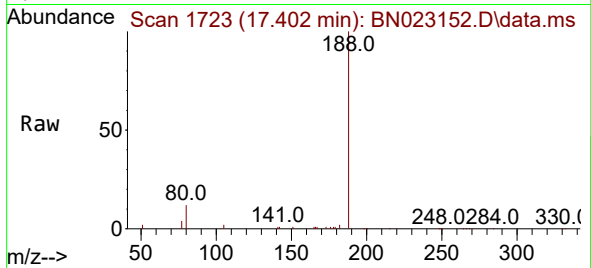




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.402 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN023152.D
Acq: 13 Dec 2022 03:11

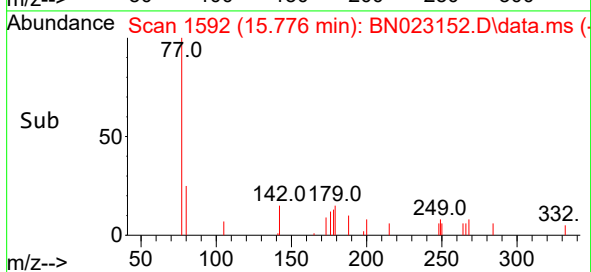
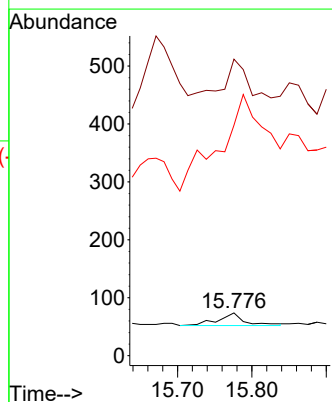
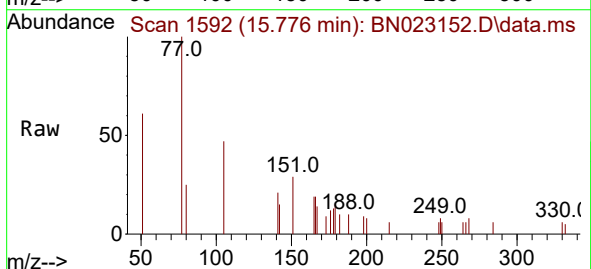
Instrument :
BNA_N
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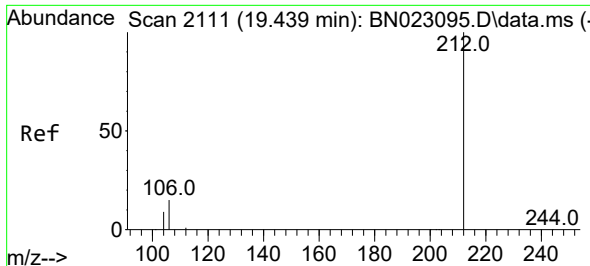
Tgt Ion:188 Resp: 35153
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 6.1 9.1#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.240 ng
RT: 15.776 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BN023152.D
Acq: 13 Dec 2022 03:11

Tgt Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
51 691.9 57.0 85.4#
105 537.8 47.2 70.8#

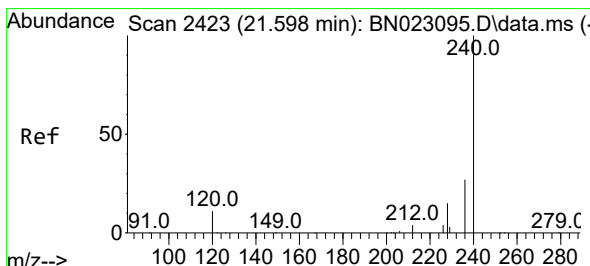
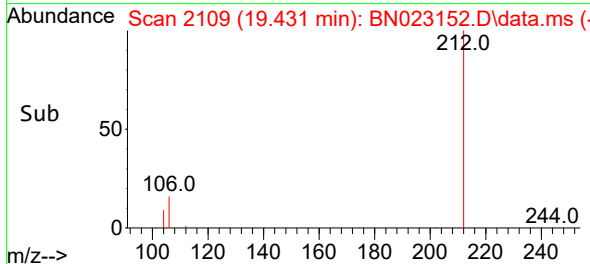
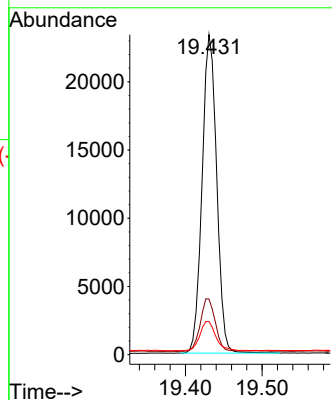
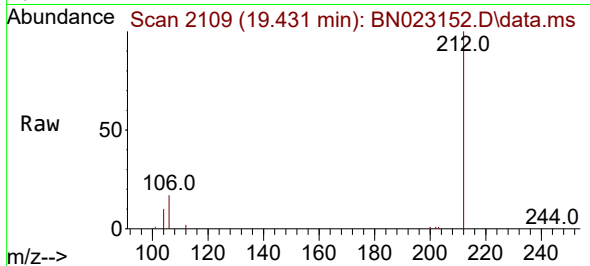




#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.431 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN023152.D
Acq: 13 Dec 2022 03:11

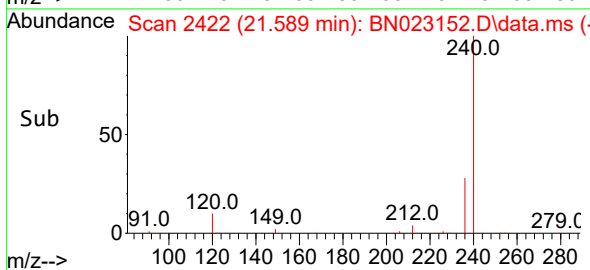
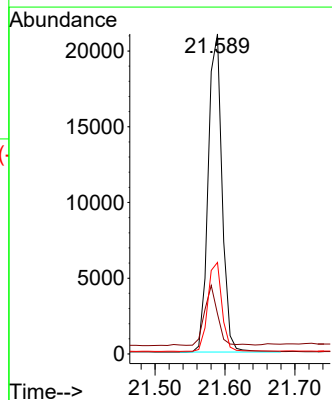
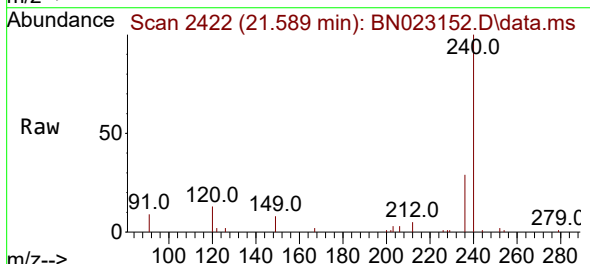
Instrument :
BNA_N
ClientSampleId :
MW-16

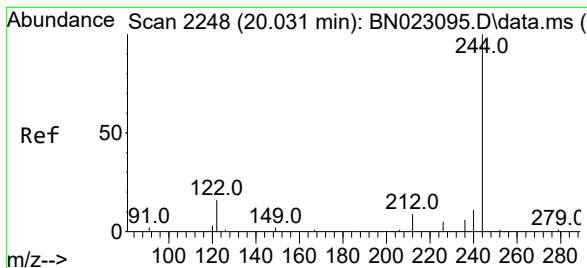
Tgt Ion:212 Resp: 30777
Ion Ratio Lower Upper
212 100
106 17.0 13.0 19.4
104 10.1 7.5 11.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.589 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BN023152.D
Acq: 13 Dec 2022 03:11

Tgt Ion:240 Resp: 28972
Ion Ratio Lower Upper
240 100
120 12.6 10.1 15.1
236 28.6 22.2 33.4





#31

Terphenyl-d14

Concen: 0.347 ng

RT: 20.022 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN023152.D

Acq: 13 Dec 2022 03:11

Instrument :

BNA_N

ClientSampleId :

MW-16

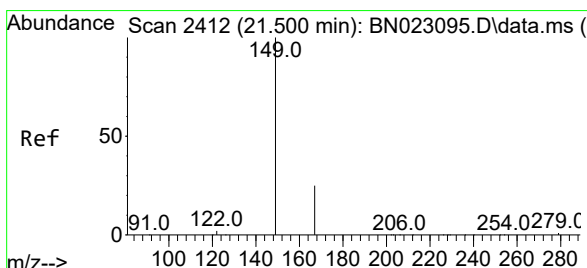
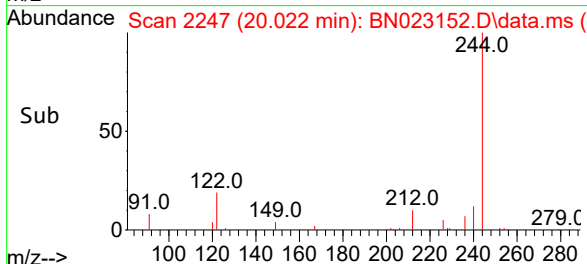
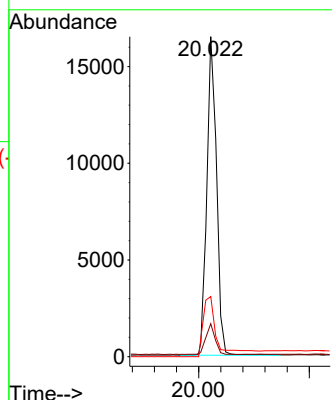
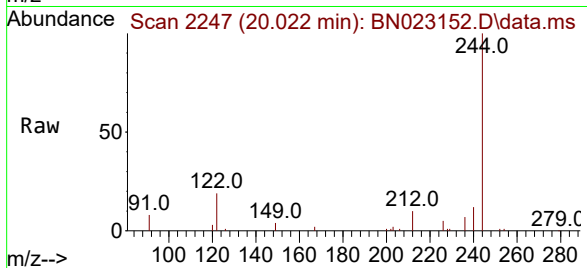
Tgt Ion:244 Resp: 16316

Ion Ratio Lower Upper

244 100

212 10.3 7.6 11.4

122 18.8 12.6 18.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.379 ng

RT: 21.491 min Scan# 2411

Delta R.T. -0.000 min

Lab File: BN023152.D

Acq: 13 Dec 2022 03:11

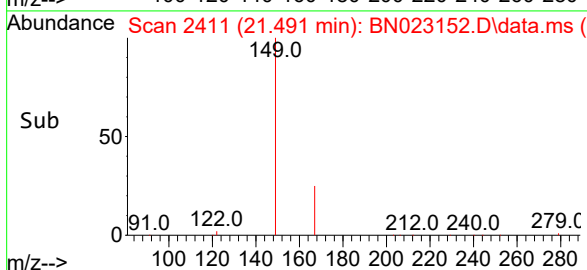
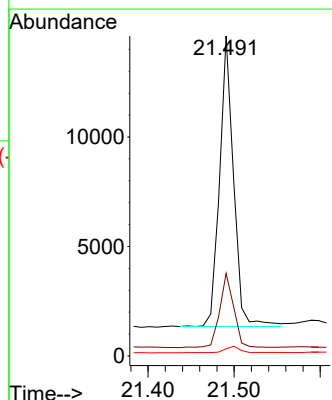
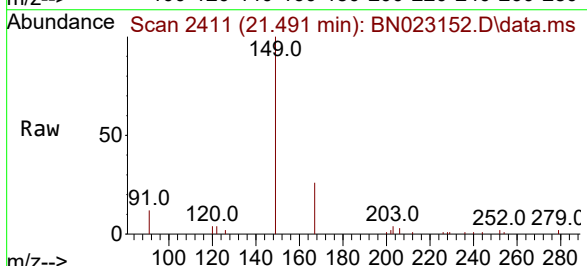
Tgt Ion:149 Resp: 14941

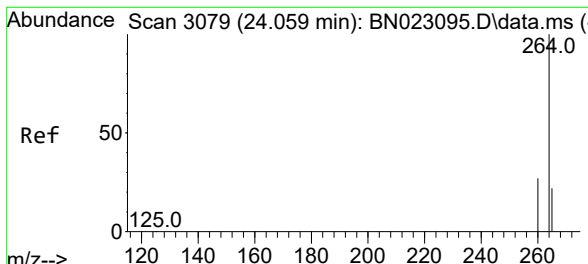
Ion Ratio Lower Upper

149 100

167 25.5 20.2 30.2

279 2.4 2.3 3.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.044 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BN023152.D
 Acq: 13 Dec 2022 03:11

Instrument :
 BNA_N
 ClientSampleId :
 MW-16

Tgt Ion:264	Resp:	24558
Ion Ratio	Lower	Upper
264	100	
260	27.4	21.7 32.5
265	44.7	43.2 64.8

