

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100322\
 Data File : BN021996.D
 Acq On : 04 Oct 2022 03:48
 Operator : CG/JU
 Sample : N4945-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-01B-64-69-093022

Quant Time: Oct 04 04:22:47 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 01:32:21 2022
 Response via : Initial Calibration

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

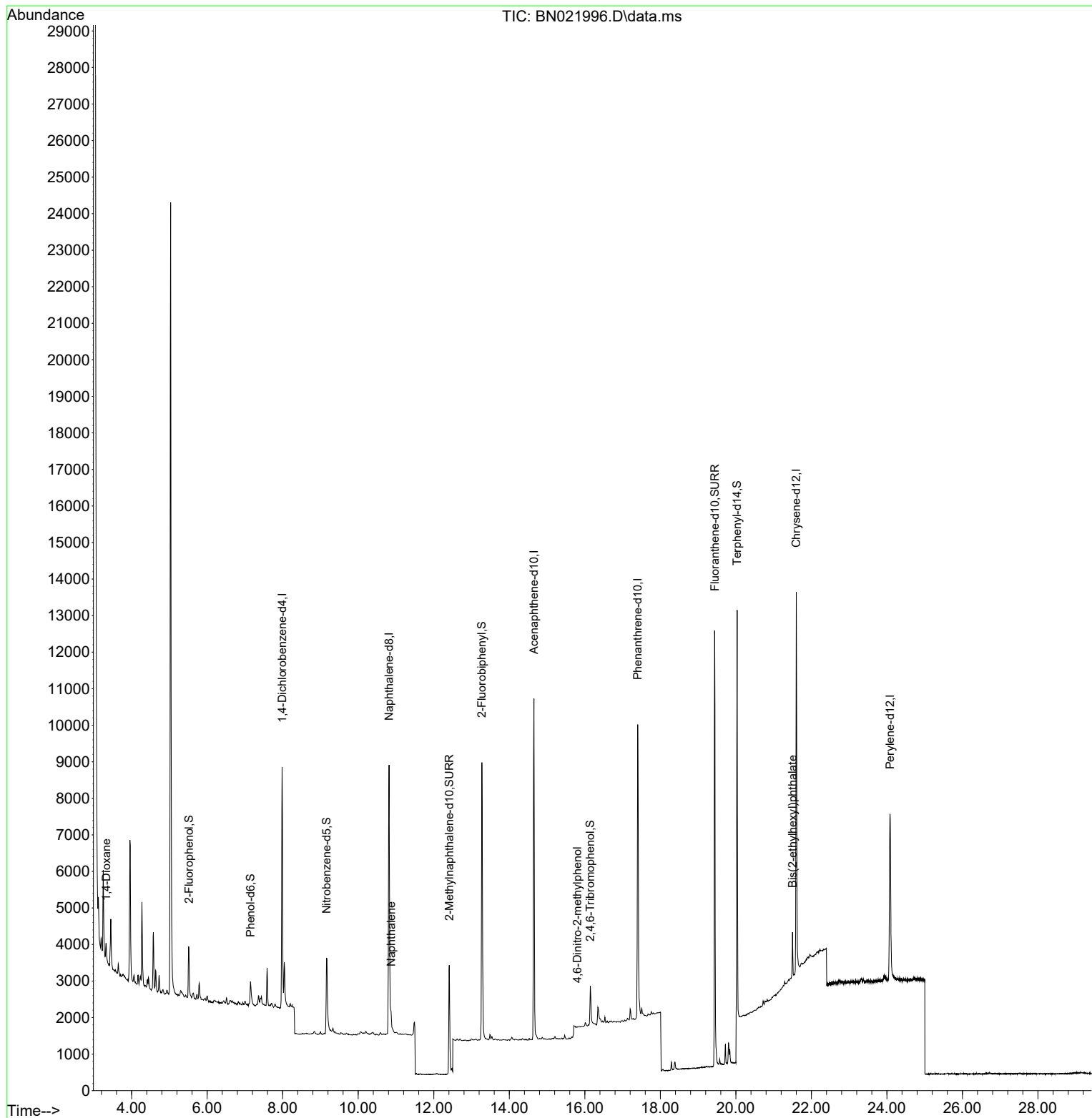
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	3603	0.400	ng	0.00
7) Naphthalene-d8	10.816	136	11018	0.400	ng	0.00
13) Acenaphthene-d10	14.653	164	5706	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	11880	0.400	ng	#-0.01
29) Chrysene-d12	21.600	240	9756	0.400	ng	# 0.00
35) Perylene-d12	24.081	264	7559	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.516	112	1274	0.153	ng	0.00
5) Phenol-d6	7.148	99	931	0.086	ng	0.00
8) Nitrobenzene-d5	9.161	82	2602	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.410	152	5887	0.291	ng	0.00
14) 2,4,6-Tribromophenol	16.146	330	719	0.330	ng	0.00
15) 2-Fluorobiphenyl	13.274	172	7510	0.301	ng	-0.01
27) Fluoranthene-d10	19.441	212	13219	0.419	ng	0.00
31) Terphenyl-d14	20.033	244	8781	0.448	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.327	88	244	0.052	ng	# 15
9) Naphthalene	10.870	128	693	0.021	ng	# 72
20) 4,6-Dinitro-2-methylph...	15.798	198	13	0.197	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.501	149	1223	0.069	ng	# 97

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

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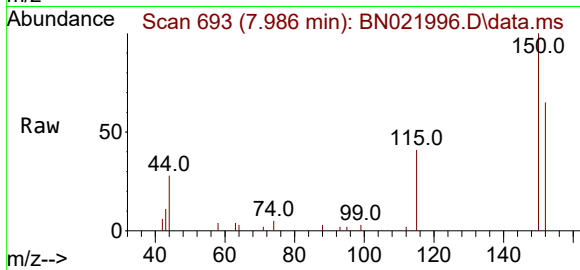
Quant Time: Oct 04 04:22:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
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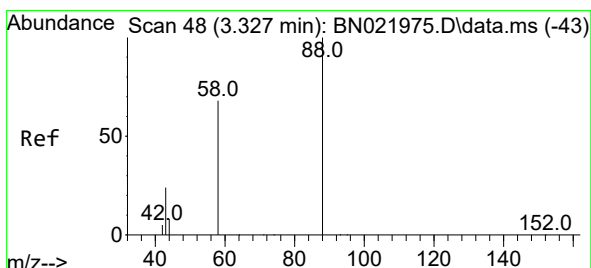
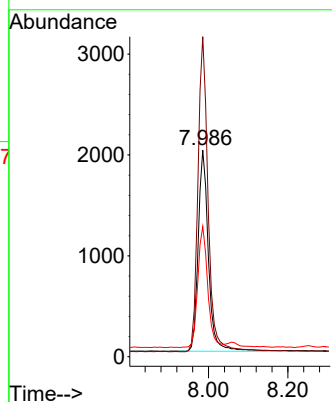
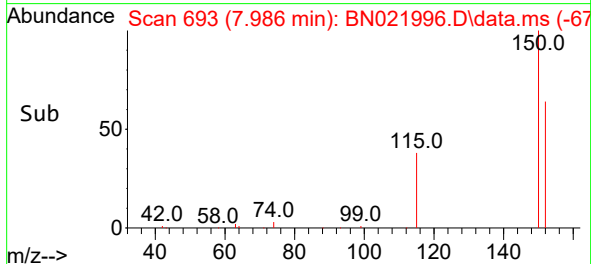


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.986 min Scan# 693
 Delta R.T. 0.001 min
 Lab File: BN021996.D
 Acq: 04 Oct 2022 03:48

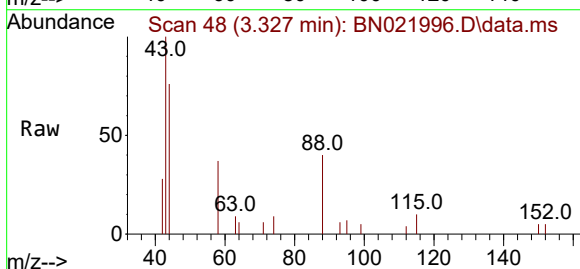
Instrument :
 BNA_N
 ClientSampleId :
 OW-01B-64-69-093022



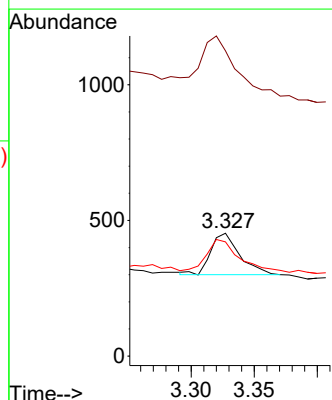
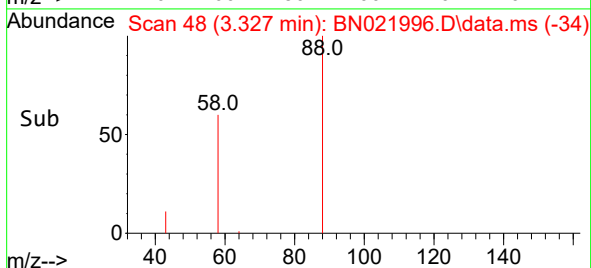
Tgt Ion:152 Resp: 3603
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.2 190.8
 115 63.1 51.4 77.0

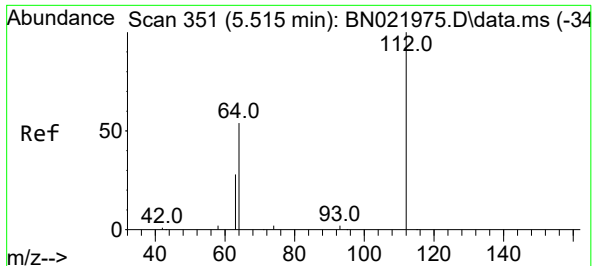


#2
 1,4-Dioxane
 Concen: 0.052 ng
 RT: 3.327 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: BN021996.D
 Acq: 04 Oct 2022 03:48



Tgt Ion: 88 Resp: 244
 Ion Ratio Lower Upper
 88 100
 43 180.7 22.6 34.0#
 58 78.3 58.6 88.0

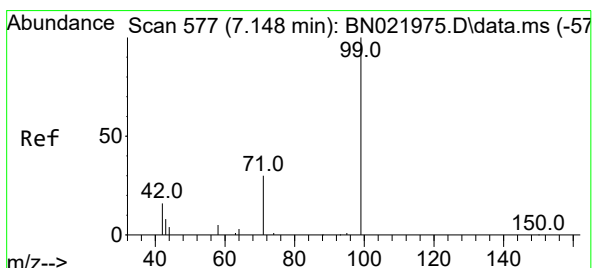
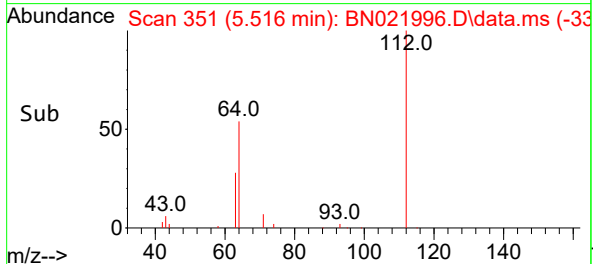
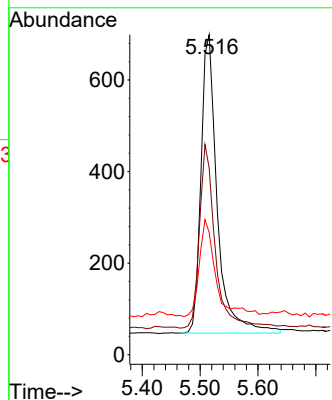
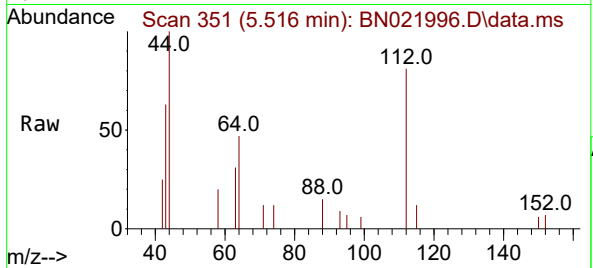




#4
2-Fluorophenol
Concen: 0.153 ng
RT: 5.516 min Scan# 351
Delta R.T. 0.000 min
Lab File: BN021996.D
Acq: 04 Oct 2022 03:48

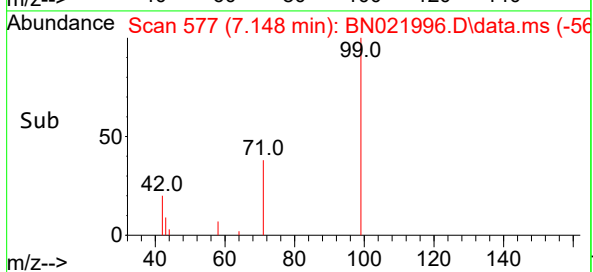
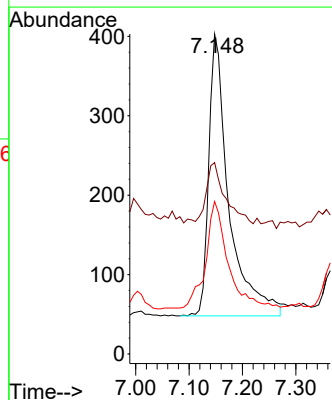
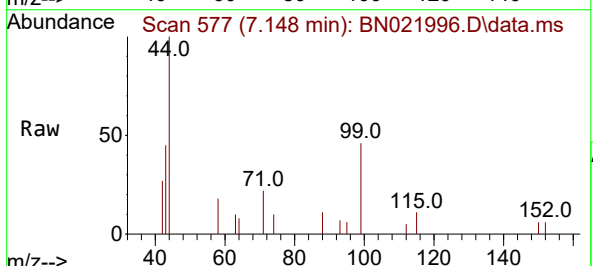
Instrument :
BNA_N
ClientSampleId :
OW-01B-64-69-093022

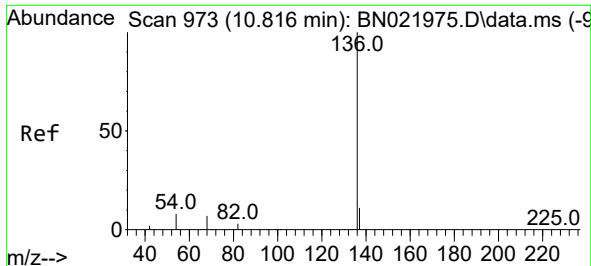
Tgt Ion:112 Resp: 1274
Ion Ratio Lower Upper
112 100
64 60.0 46.9 70.3
63 33.6 24.6 37.0



#5
Phenol-d6
Concen: 0.086 ng
RT: 7.148 min Scan# 577
Delta R.T. 0.000 min
Lab File: BN021996.D
Acq: 04 Oct 2022 03:48

Tgt Ion: 99 Resp: 931
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 41.6 25.6 38.4

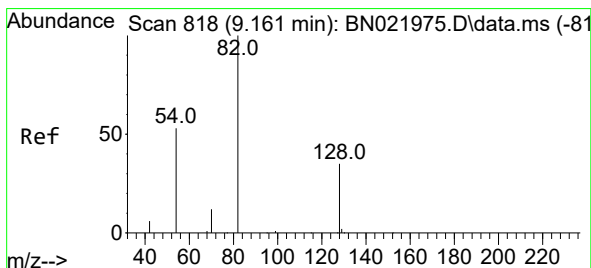
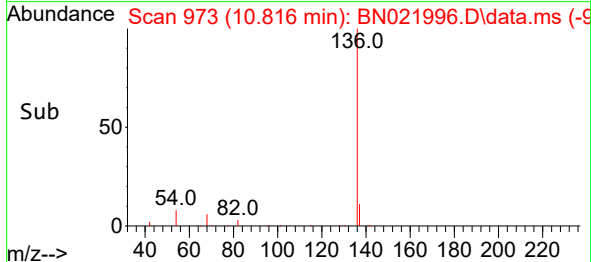
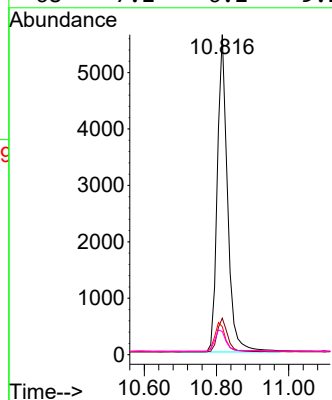
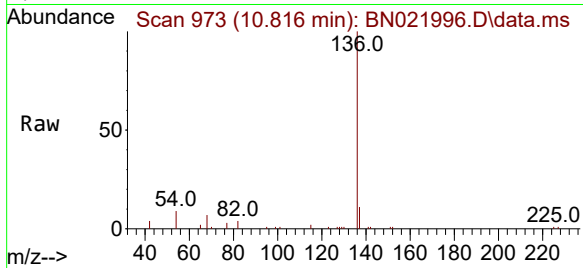




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN021996.D
Acq: 04 Oct 2022 03:48

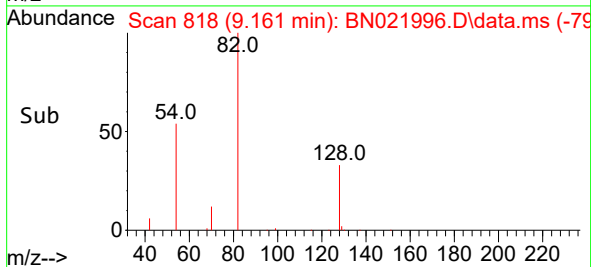
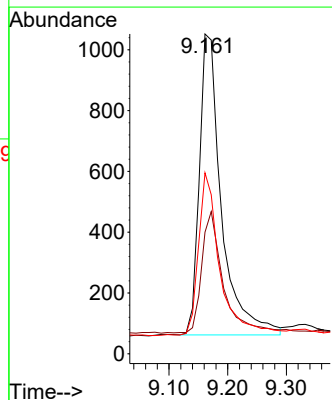
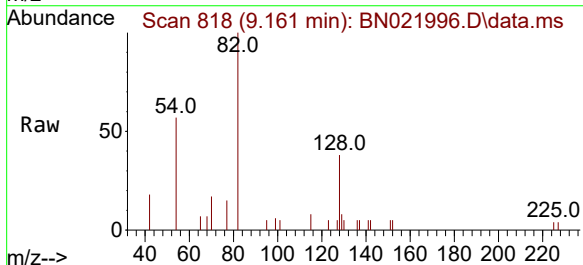
Instrument :
BNA_N
ClientSampleId :
OW-01B-64-69-093022

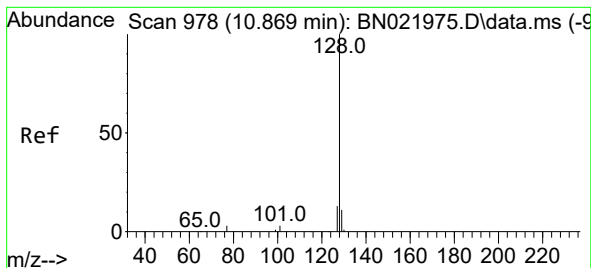
Tgt Ion:	136	Resp:	11018
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.7	7.1	10.7
68	7.2	6.2	9.2



#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 9.161 min Scan# 818
Delta R.T. 0.000 min
Lab File: BN021996.D
Acq: 04 Oct 2022 03:48

Tgt Ion:	82	Resp:	2602
Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.9	44.9
54	56.6	43.5	65.3





#9

Naphthalene

Concen: 0.021 ng

RT: 10.870 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN021996.D

Acq: 04 Oct 2022 03:48

Instrument :

BNA_N

ClientSampleId :

OW-01B-64-69-093022

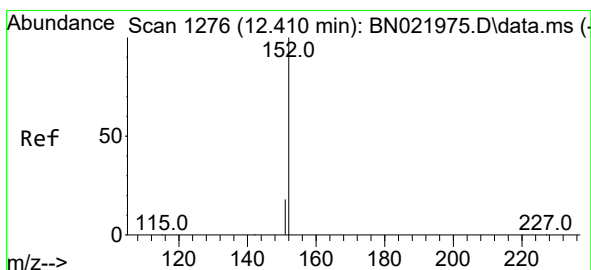
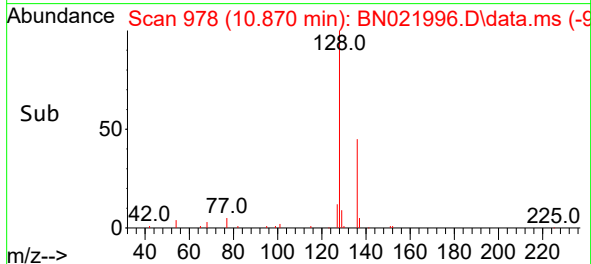
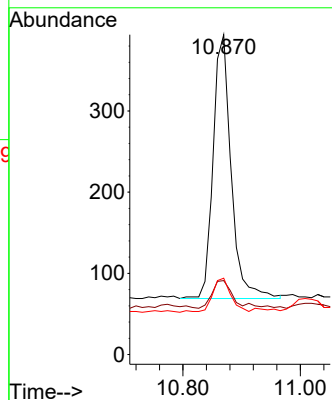
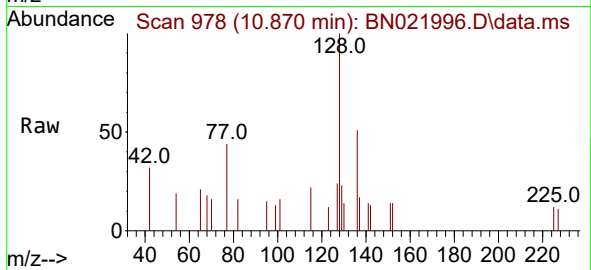
Tgt Ion:128 Resp: 693

Ion Ratio Lower Upper

128 100

129 23.1 9.3 13.9#

127 23.9 10.6 16.0#



#11

2-Methylnaphthalene-d10

Concen: 0.291 ng

RT: 12.410 min Scan# 1276

Delta R.T. -0.000 min

Lab File: BN021996.D

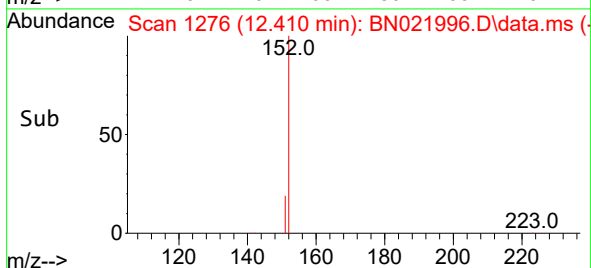
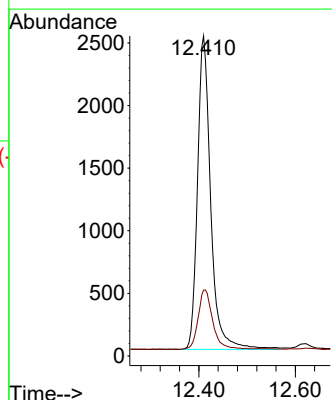
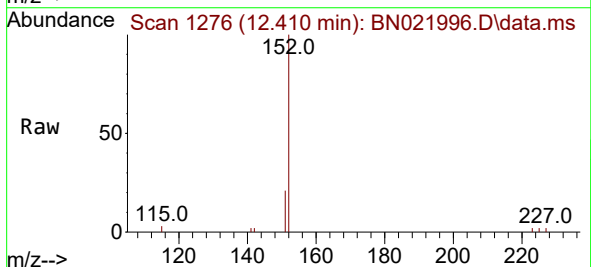
Acq: 04 Oct 2022 03:48

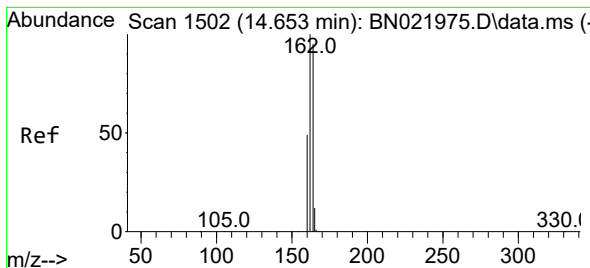
Tgt Ion:152 Resp: 5887

Ion Ratio Lower Upper

152 100

151 16.9 13.8 20.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.653 min Scan# 1502

Delta R.T. 0.000 min

Lab File: BN021996.D

Acq: 04 Oct 2022 03:48

Instrument :

BNA_N

ClientSampleId :

OW-01B-64-69-093022

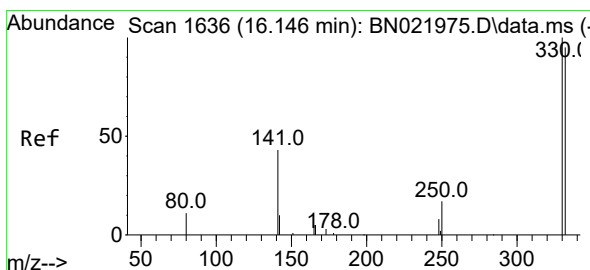
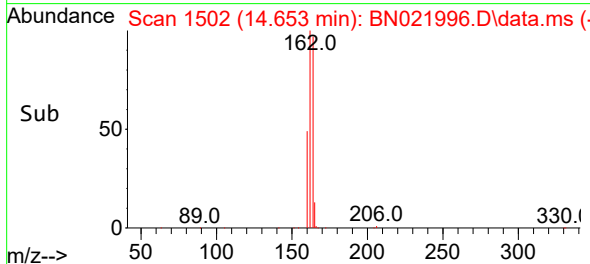
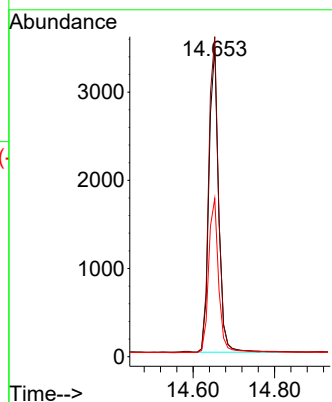
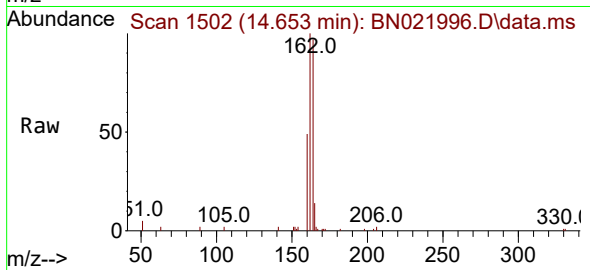
Tgt Ion:164 Resp: 5706

Ion Ratio Lower Upper

164 100

162 103.4 84.3 126.5

160 51.0 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.330 ng

RT: 16.146 min Scan# 1636

Delta R.T. 0.000 min

Lab File: BN021996.D

Acq: 04 Oct 2022 03:48

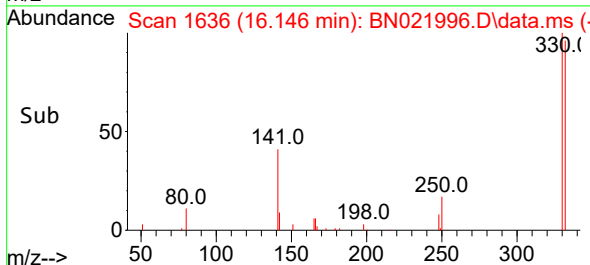
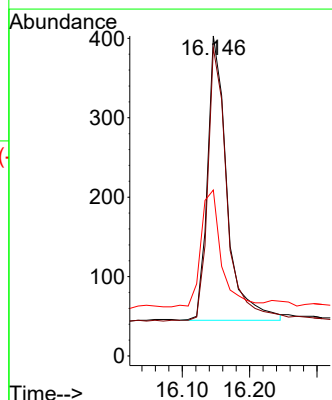
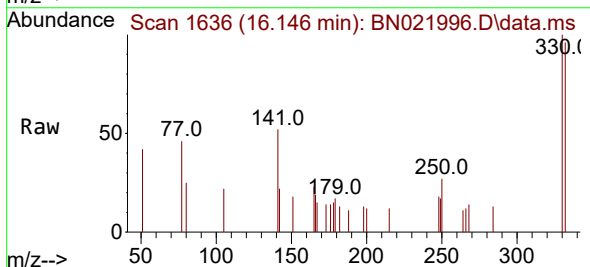
Tgt Ion:330 Resp: 719

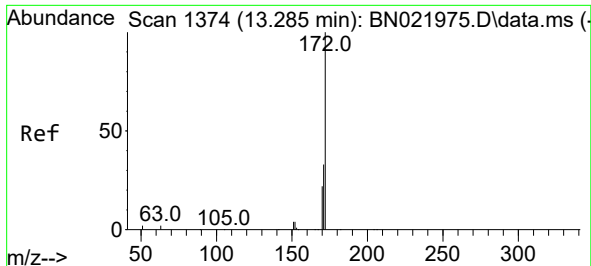
Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.4

141 42.7 35.3 52.9

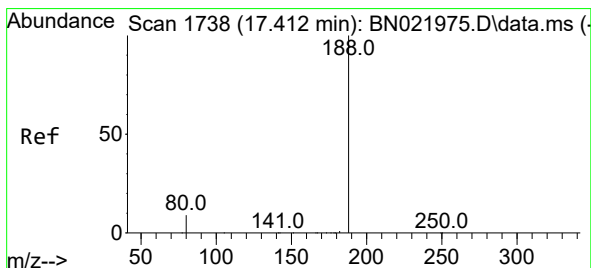
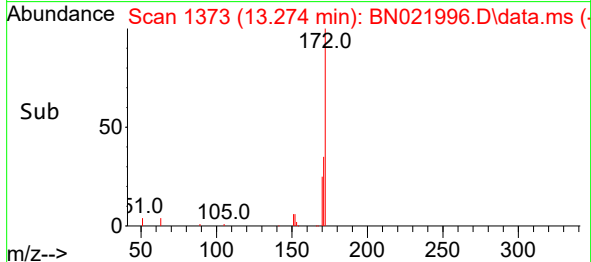
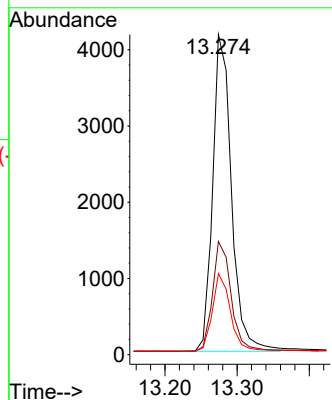
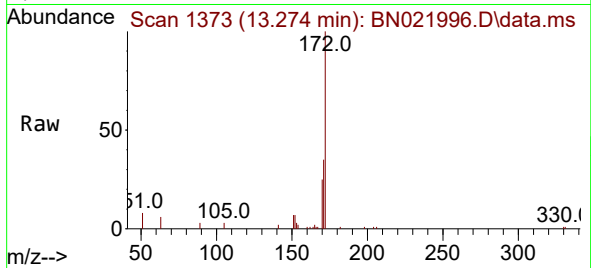




#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.274 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN021996.D
Acq: 04 Oct 2022 03:48

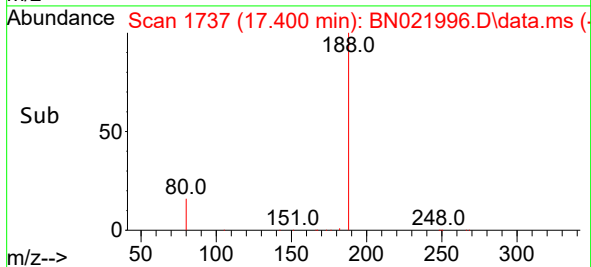
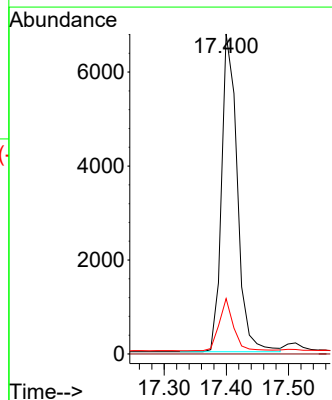
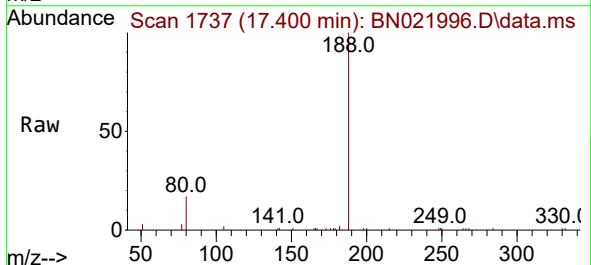
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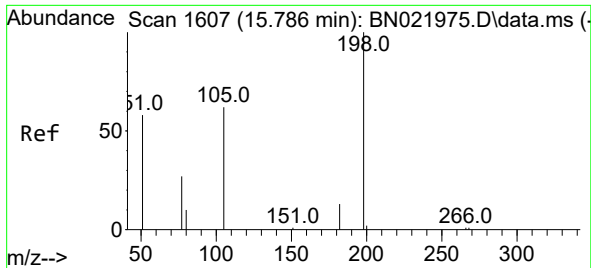
Tgt Ion:172	Resp:	7510
Ion	Ratio	Lower Upper
172	100	
171	35.4	27.2 40.8
170	25.4	18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BN021996.D
Acq: 04 Oct 2022 03:48

Tgt Ion:188	Resp:	11880
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	17.3	7.5 11.3

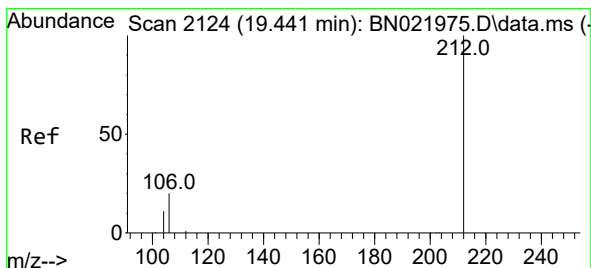
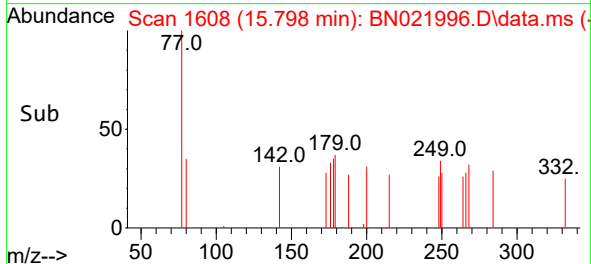
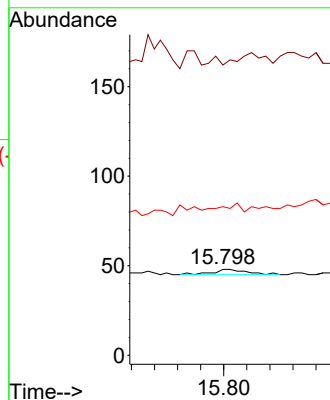
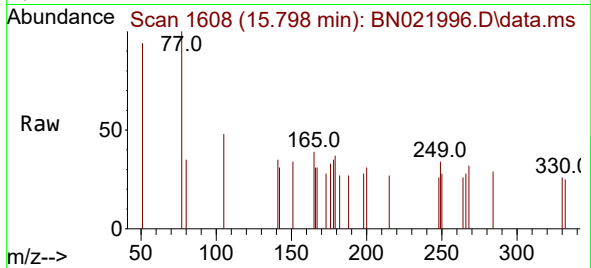




#20
4,6-Dinitro-2-methylphenol
Concen: 0.197 ng
RT: 15.798 min Scan# 1608
Delta R.T. 0.012 min
Lab File: BN021996.D
Acq: 04 Oct 2022 03:48

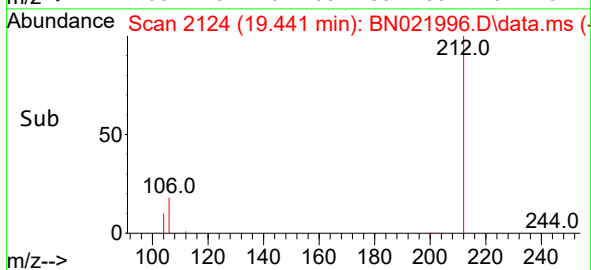
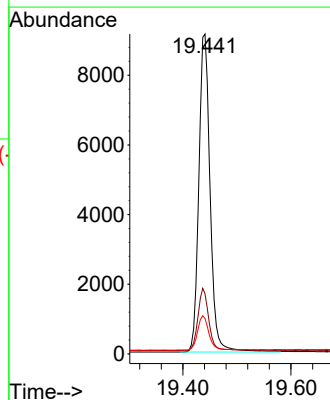
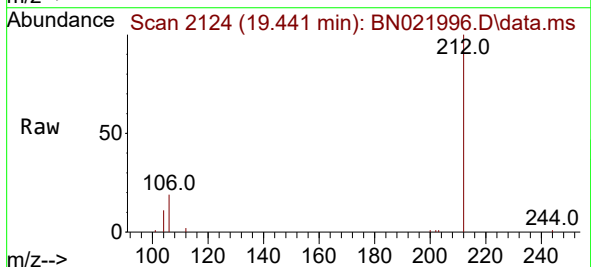
Instrument :
BNA_N
ClientSampleId :
OW-01B-64-69-093022

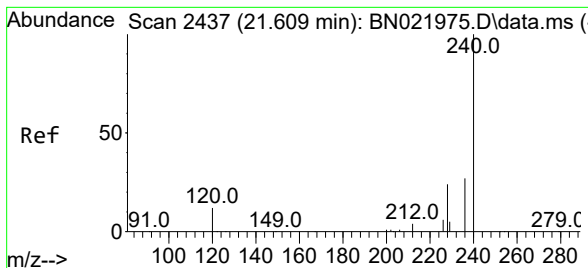
Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 337.5 96.6 144.8#
105 172.9 64.4 96.6#



#27
Fluoranthene-d10
Concen: 0.419 ng
RT: 19.441 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BN021996.D
Acq: 04 Oct 2022 03:48

Tgt Ion:212 Resp: 13219
Ion Ratio Lower Upper
212 100
106 19.1 15.2 22.8
104 10.7 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.600 min Scan# 2437

Delta R.T. -0.009 min

Lab File: BN021996.D

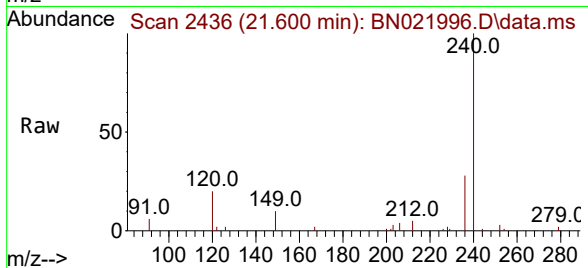
Acq: 04 Oct 2022 03:48

Instrument :

BNA_N

ClientSampleId :

OW-01B-64-69-093022



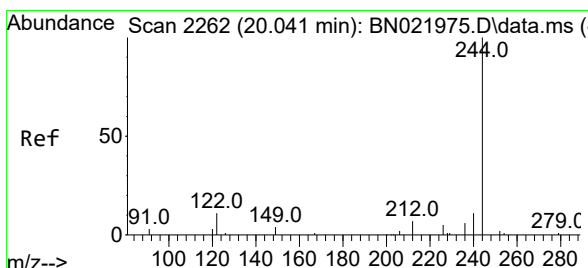
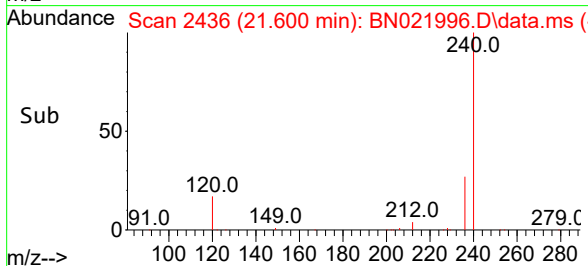
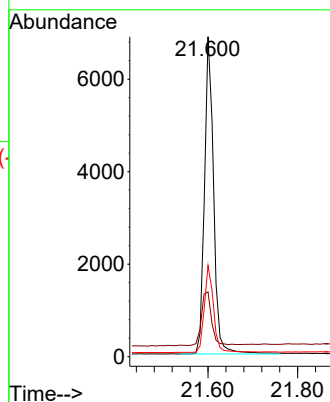
Tgt Ion:240 Resp: 9756

Ion Ratio Lower Upper

240 100

120 20.2 11.8 17.6#

236 28.5 22.4 33.6



#31

Terphenyl-d14

Concen: 0.448 ng

RT: 20.033 min Scan# 2261

Delta R.T. -0.009 min

Lab File: BN021996.D

Acq: 04 Oct 2022 03:48

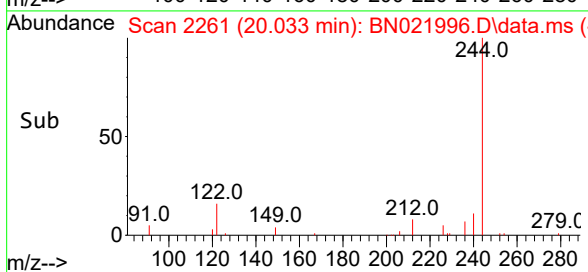
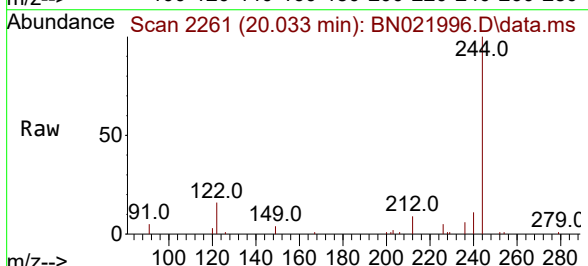
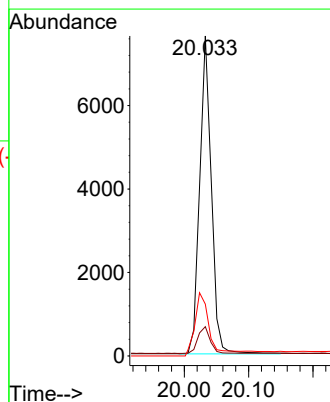
Tgt Ion:244 Resp: 8781

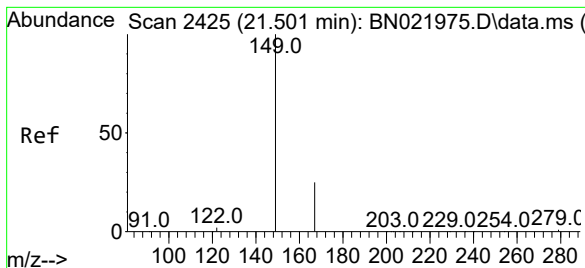
Ion Ratio Lower Upper

244 100

212 9.1 6.5 9.7

122 16.2 9.1 13.7#

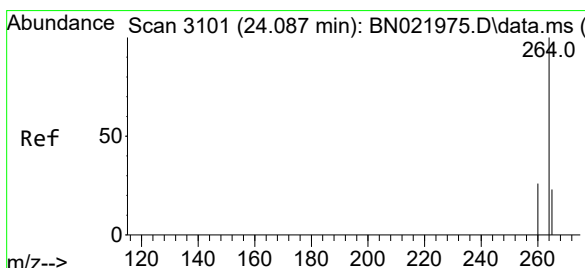
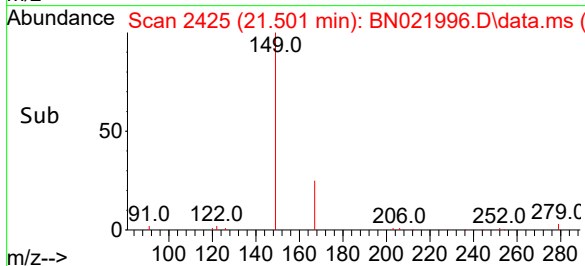
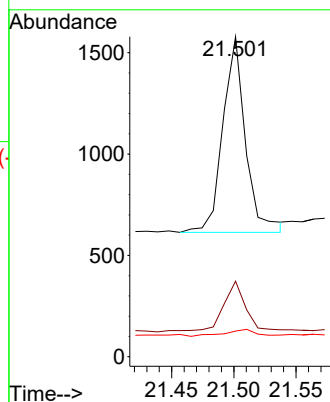
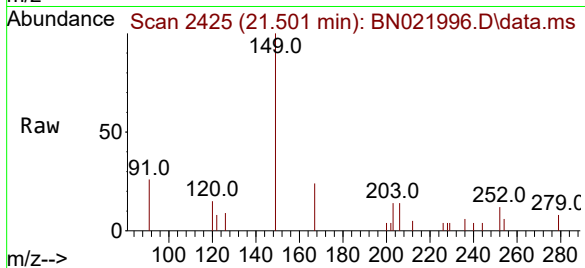




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.069 ng
 RT: 21.501 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN021996.D
 Acq: 04 Oct 2022 03:48

Instrument :
 BNA_N
 ClientSampleId :
 OW-01B-64-69-093022

Tgt Ion:149 Resp: 1223
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.2 30.4
 279 4.9 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.081 min Scan# 3099
 Delta R.T. -0.006 min
 Lab File: BN021996.D
 Acq: 04 Oct 2022 03:48

Tgt Ion:264 Resp: 7559
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.3 31.9
 265 75.4 63.0 94.4

