

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082622\
 Data File : BN021386.D
 Acq On : 26 Aug 2022 15:40
 Operator : CG/JU
 Sample : N4245-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20220816

Quant Time: Aug 26 23:41:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 23:37:03 2022
 Response via : Initial Calibration

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

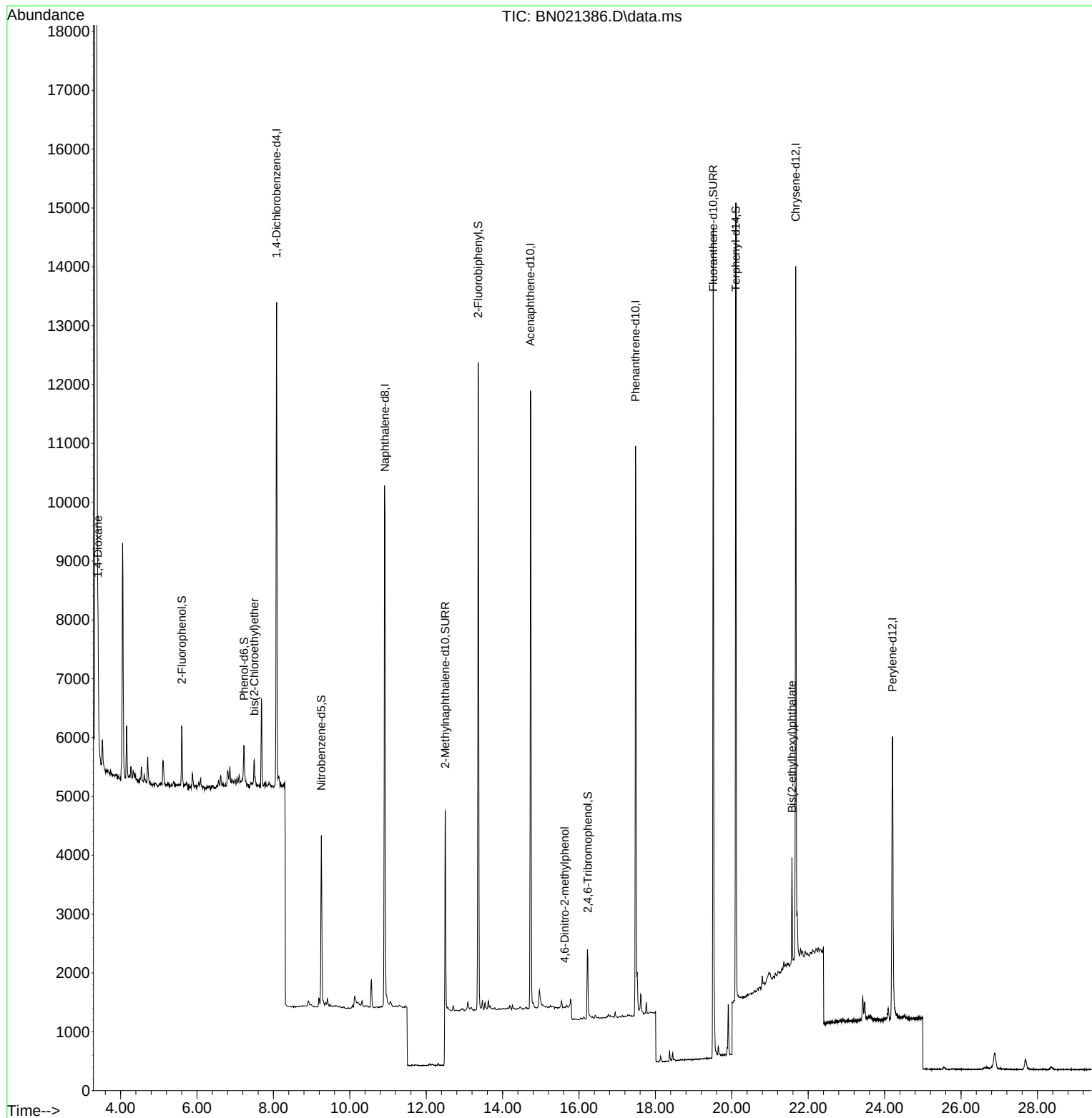
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	4161	0.400	ng	0.00
7) Naphthalene-d8	10.920	136	12649	0.400	ng	# 0.01
13) Acenaphthene-d10	14.729	164	6550	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	13460	0.400	ng	# 0.00
29) Chrysene-d12	21.673	240	10688	0.400	ng	# 0.00
35) Perylene-d12	24.203	264	7858	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	913	0.081	ng	0.00
5) Phenol-d6	7.231	99	699	0.050	ng	0.00
8) Nitrobenzene-d5	9.254	82	2508	0.262	ng	0.00
11) 2-Methylnaphthalene-d10	12.497	152	8219	0.385	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	746	0.249	ng	0.01
15) 2-Fluorobiphenyl	13.360	172	9726	0.332	ng	0.00
27) Fluoranthene-d10	19.514	212	15321	0.381	ng	0.00
31) Terphenyl-d14	20.106	244	11616	0.514	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.411	88	864	0.150	ng	94
6) bis(2-Chloroethyl)ether	7.498	93	340	0.024	ng	95
20) 4,6-Dinitro-2-methylph...	15.627	198	1	0.057	ng	96
34) Bis(2-ethylhexyl)phtha...	21.575	149	1634	0.084	ng	98

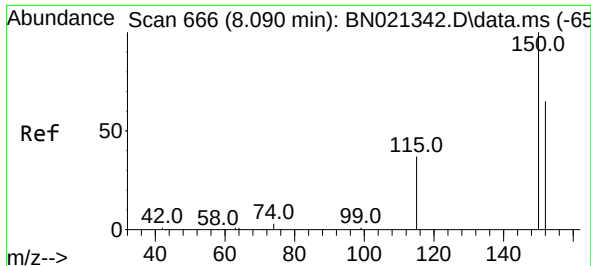
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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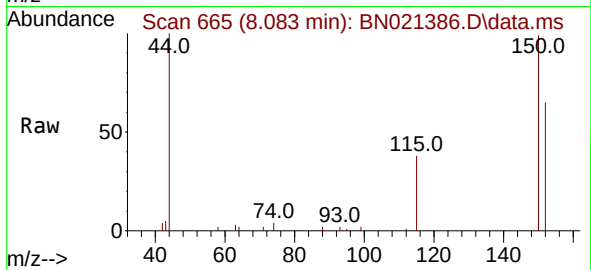
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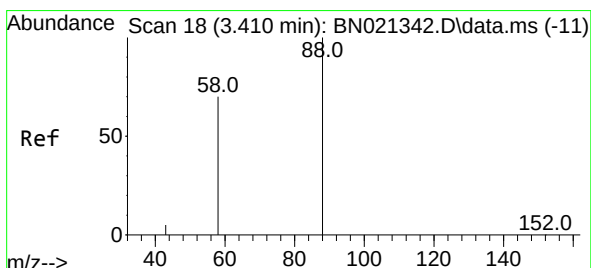
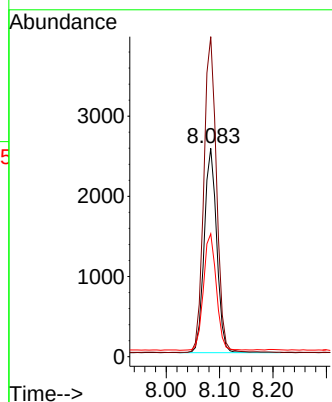
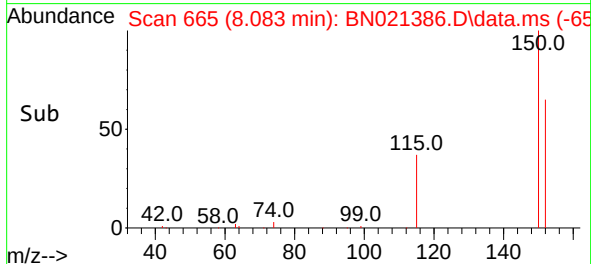


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.083 min Scan# 6
 Delta R.T. 0.000 min
 Lab File: BN021386.D
 Acq: 26 Aug 2022 15:40

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20220816

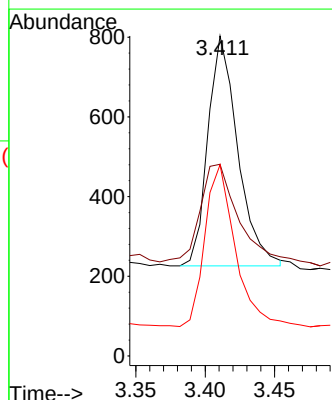
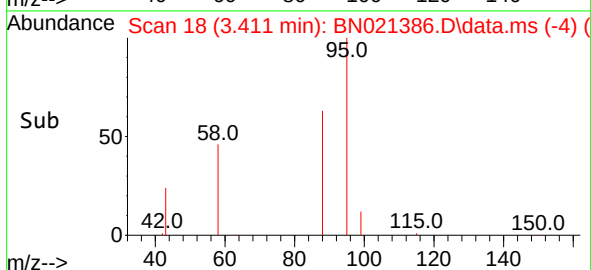
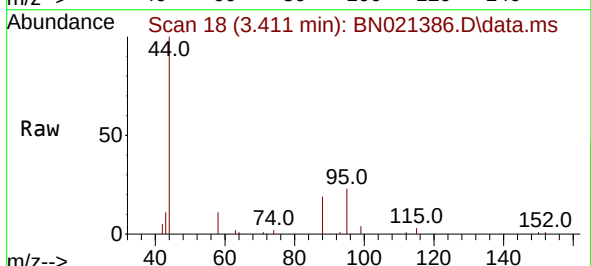


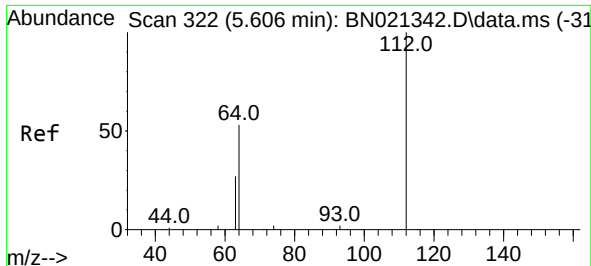
Tgt Ion:152 Resp: 4161
 Ion Ratio Lower Upper
 152 100
 150 153.6 121.4 182.0
 115 59.0 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.150 ng
 RT: 3.411 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: BN021386.D
 Acq: 26 Aug 2022 15:40

Tgt Ion: 88 Resp: 864
 Ion Ratio Lower Upper
 88 100
 43 52.8 35.8 53.8
 58 70.0 57.1 85.7

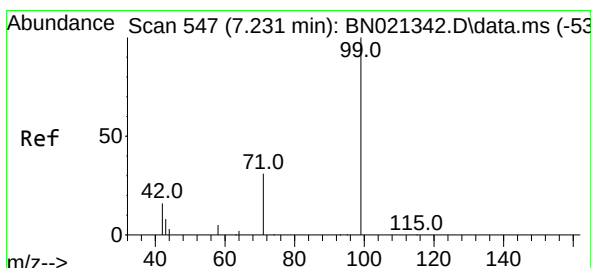
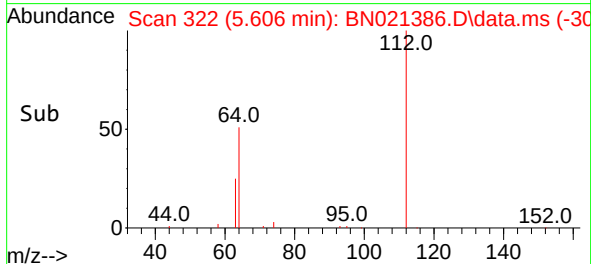
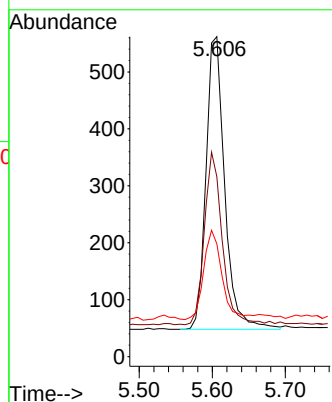
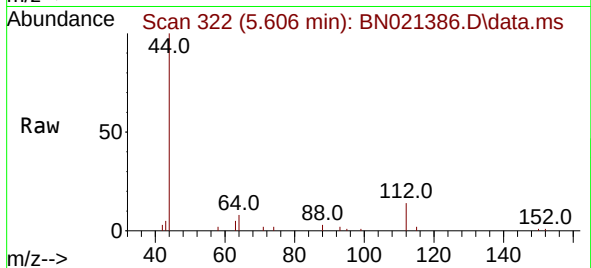




#4
2-Fluorophenol
Concen: 0.081 ng
RT: 5.606 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN021386.D
Acq: 26 Aug 2022 15:40

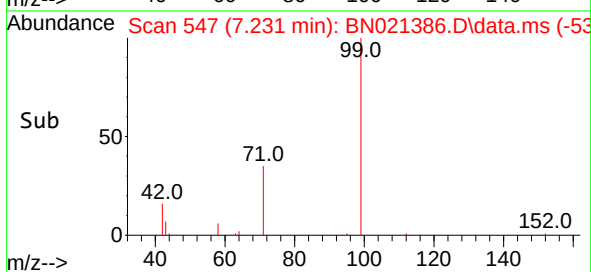
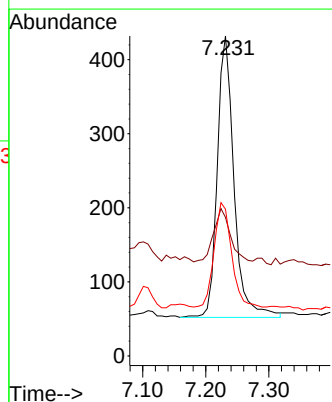
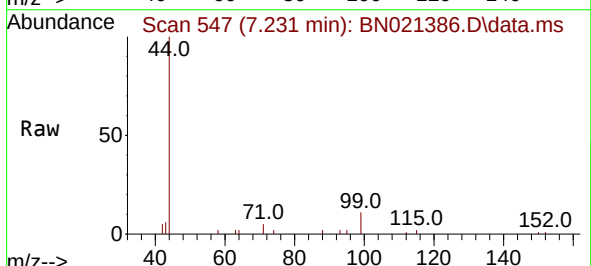
Instrument :
BNA_N
ClientSampleId :
MW179D-20220816

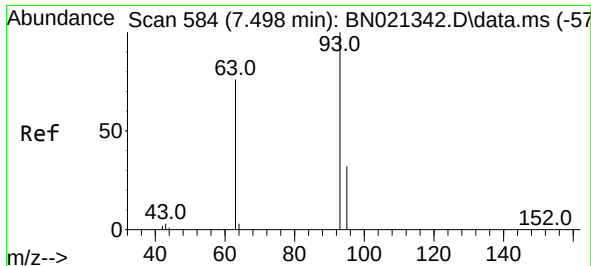
Tgt Ion:112 Resp: 913
Ion Ratio Lower Upper
112 100
64 57.0 43.5 65.3
63 30.1 22.6 34.0



#5
Phenol-d6
Concen: 0.050 ng
RT: 7.231 min Scan# 547
Delta R.T. -0.000 min
Lab File: BN021386.D
Acq: 26 Aug 2022 15:40

Tgt Ion: 99 Resp: 699
Ion Ratio Lower Upper
99 100
42 18.9 15.5 23.3
71 38.6 24.2 36.2#

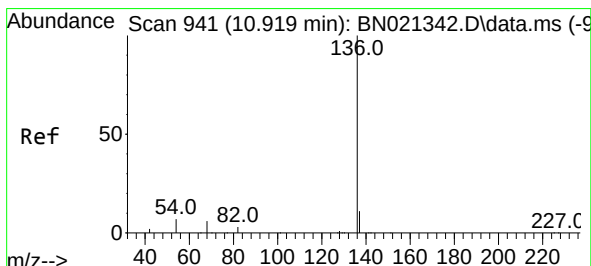
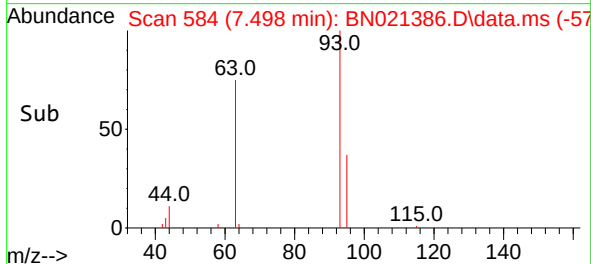
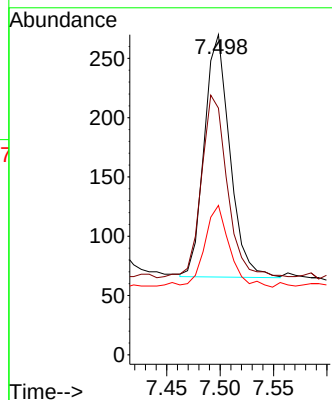
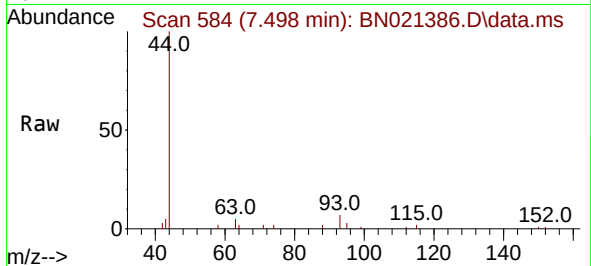




#6
bis(2-Chloroethyl)ether
Concen: 0.024 ng
RT: 7.498 min Scan# 584
Delta R.T. 0.000 min
Lab File: BN021386.D
Acq: 26 Aug 2022 15:40

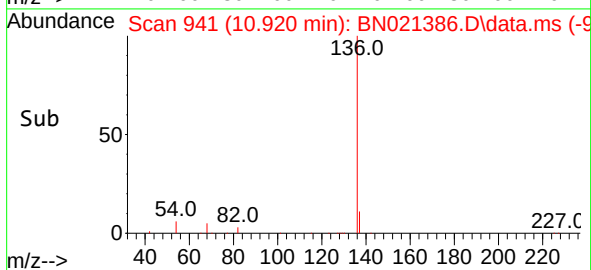
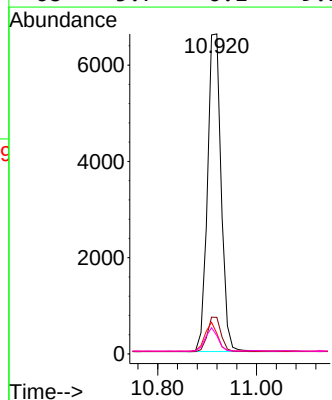
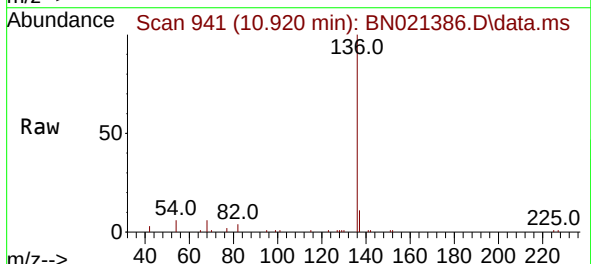
Instrument :
BNA_N
ClientSampleId :
MW179D-20220816

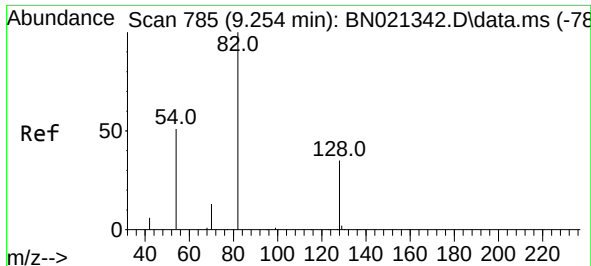
Tgt Ion: 93	Resp:	340	
Ion	Ratio	Lower	Upper
93	100		
63	77.4	57.8	86.8
95	33.5	25.9	38.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.920 min Scan# 941
Delta R.T. 0.011 min
Lab File: BN021386.D
Acq: 26 Aug 2022 15:40

Tgt	Ion:136	Resp:	12649
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.4	6.9	10.3#
68	5.7	6.1	9.1#

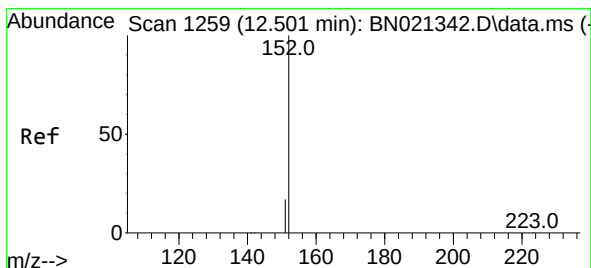
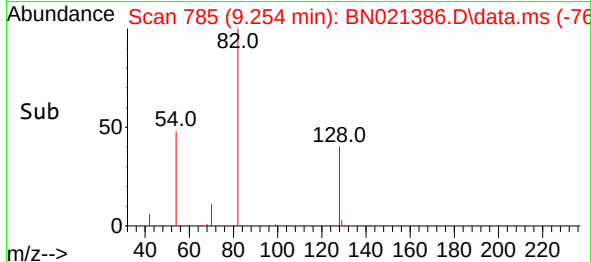
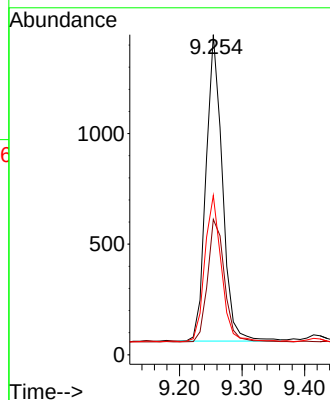
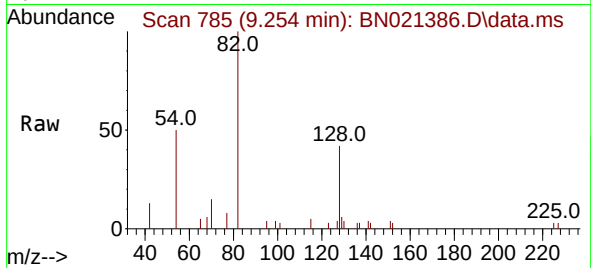




#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021386.D
Acq: 26 Aug 2022 15:40

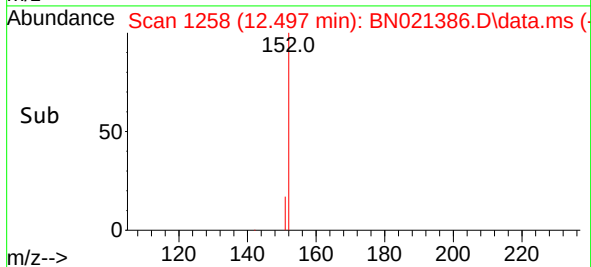
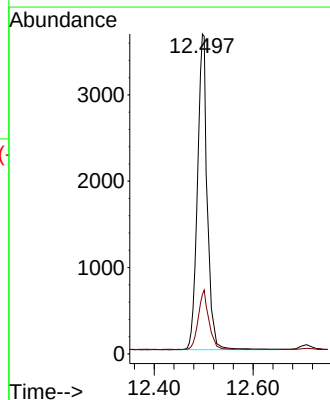
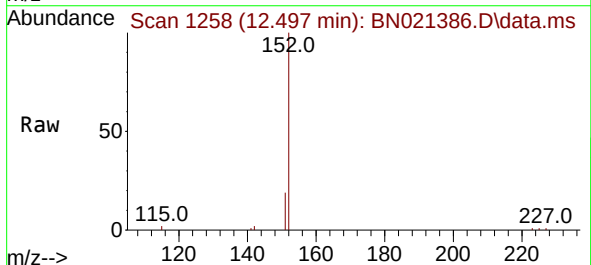
Instrument :
BNA_N
ClientSampleId :
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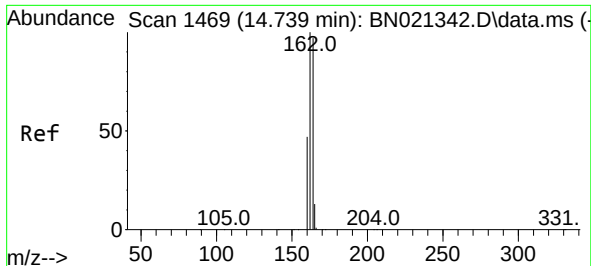
Tgt Ion: 82 Resp: 2508
Ion Ratio Lower Upper
82 100
128 42.3 30.9 46.3
54 49.8 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.497 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BN021386.D
Acq: 26 Aug 2022 15:40

Tgt Ion: 152 Resp: 8219
Ion Ratio Lower Upper
152 100
151 16.6 14.5 21.7

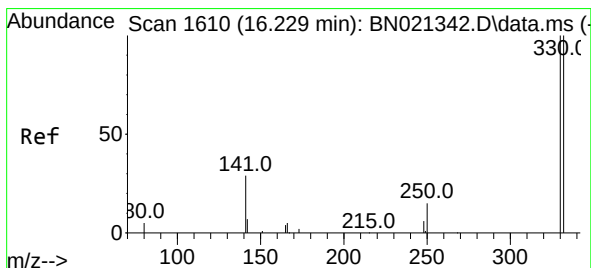
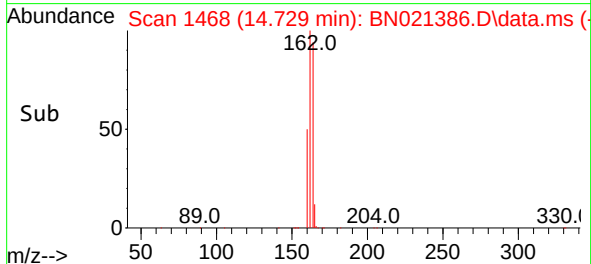
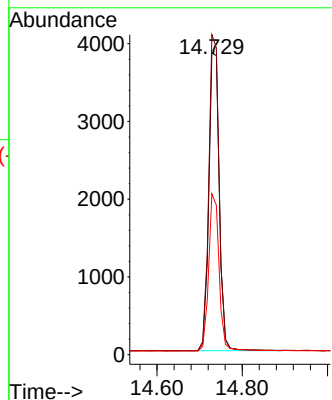
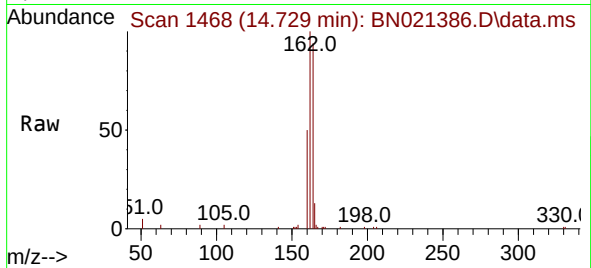




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN021386.D
Acq: 26 Aug 2022 15:40

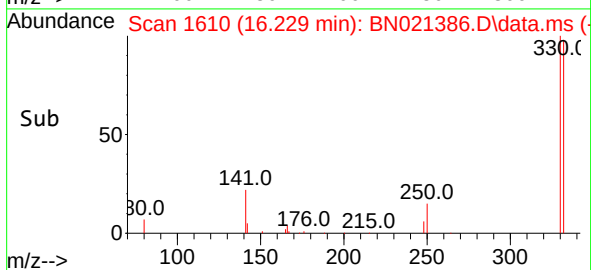
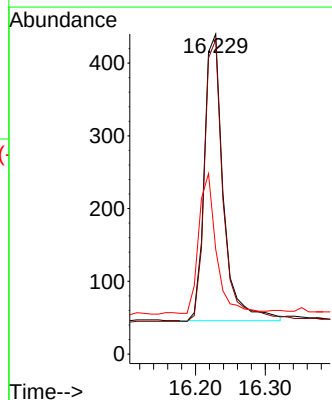
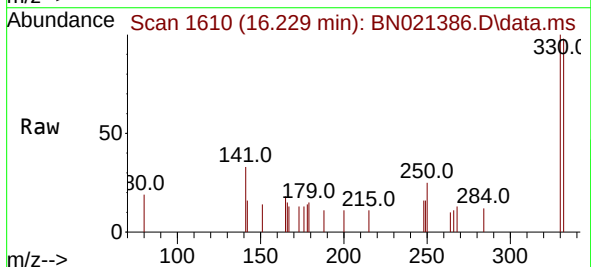
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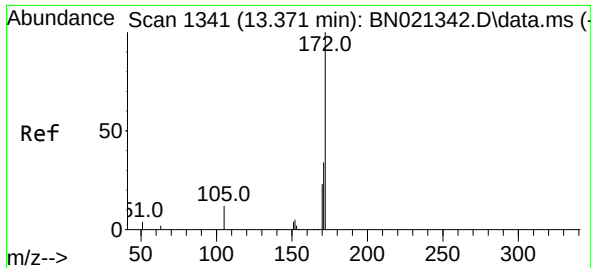
Tgt Ion:164 Resp: 6550
Ion Ratio Lower Upper
164 100
162 106.0 82.2 123.4
160 53.3 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.010 min
Lab File: BN021386.D
Acq: 26 Aug 2022 15:40

Tgt Ion:330 Resp: 746
Ion Ratio Lower Upper
330 100
332 97.9 79.3 118.9
141 46.6 37.1 55.7

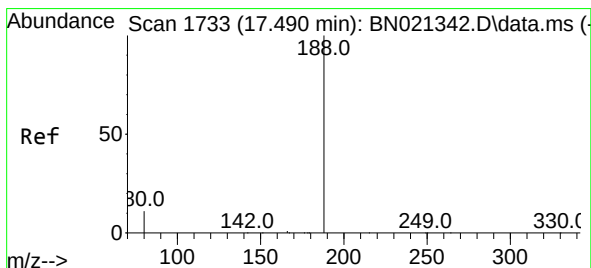
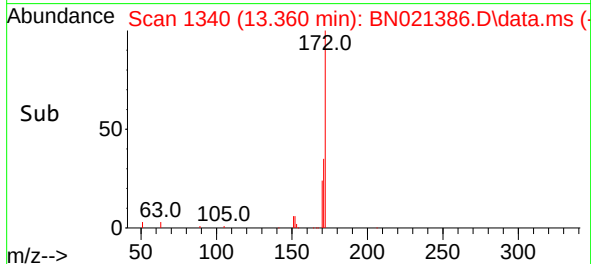
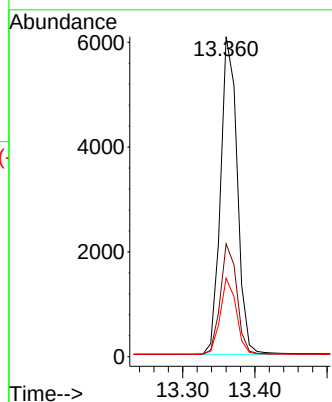
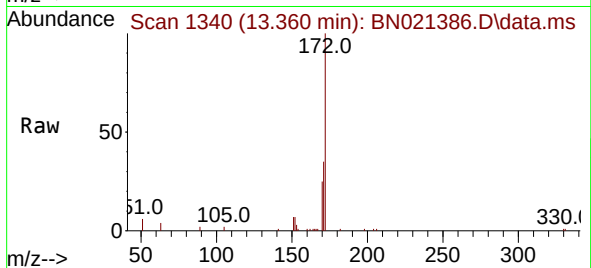




#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021386.D
Acq: 26 Aug 2022 15:40

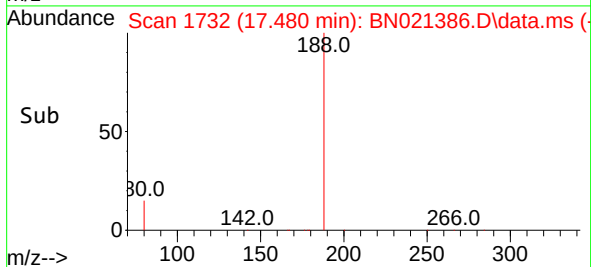
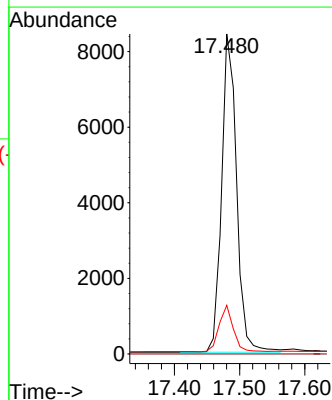
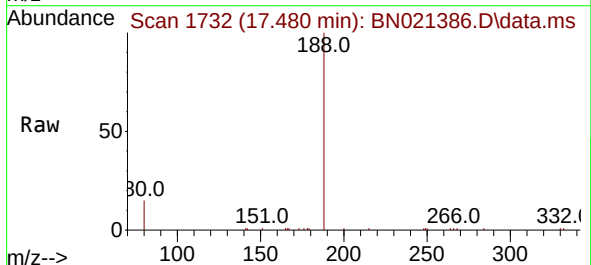
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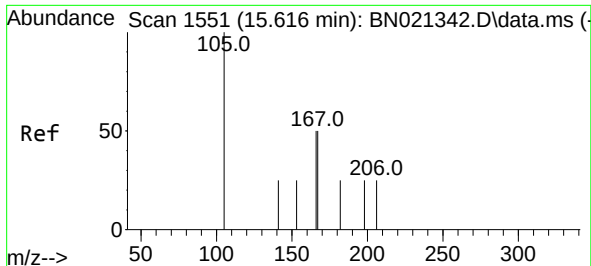
Tgt Ion:172 Resp: 9726
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 24.6 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021386.D
Acq: 26 Aug 2022 15:40

Tgt Ion:188 Resp: 13460
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.2 9.5 14.3#

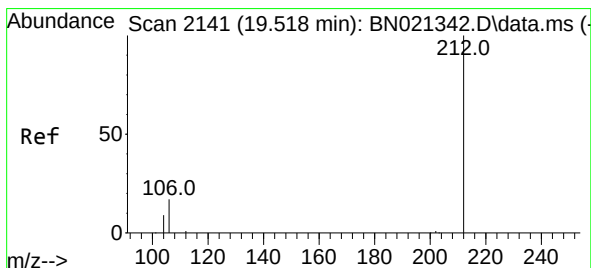
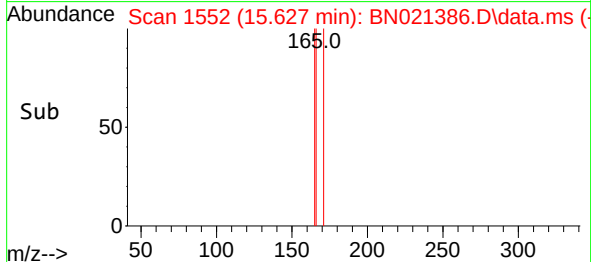
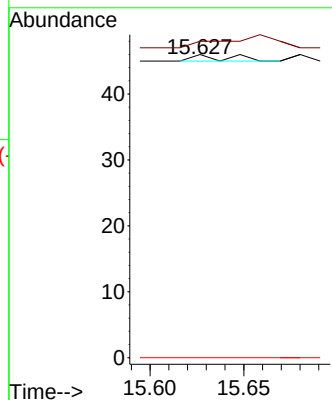
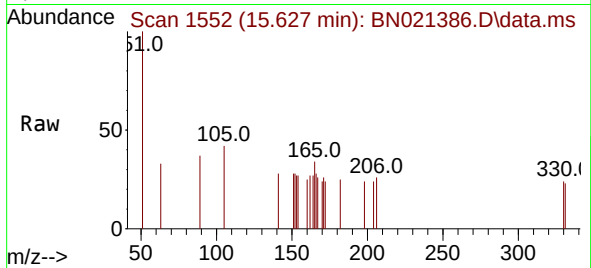




#20
4,6-Dinitro-2-methylphenol
Concen: 0.057 ng
RT: 15.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021386.D
Acq: 26 Aug 2022 15:40

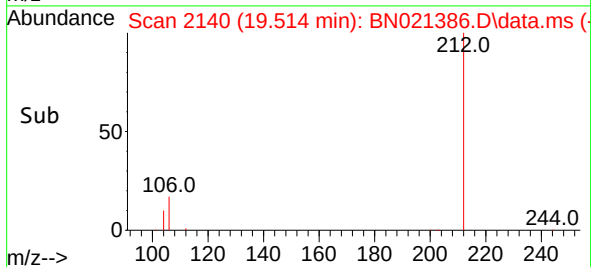
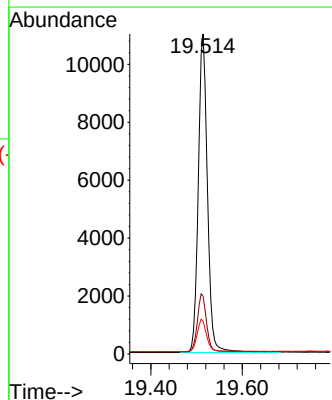
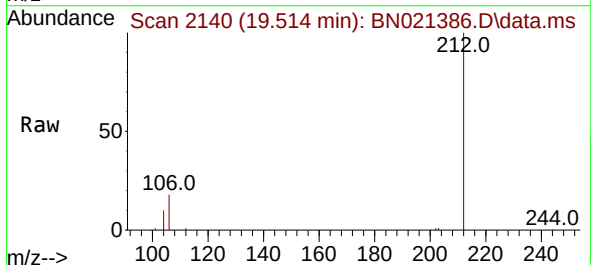
Instrument :
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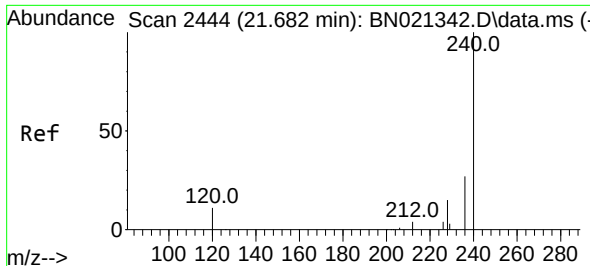
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 104.3 86.6 130.0
77 0.0 0.0 0.0



#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.514 min Scan# 2140
Delta R.T. 0.004 min
Lab File: BN021386.D
Acq: 26 Aug 2022 15:40

Tgt Ion:212 Resp: 15321
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 10.5 7.8 11.6

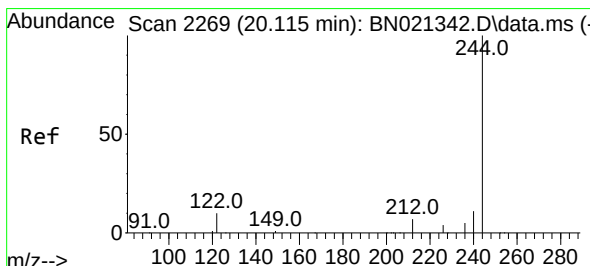
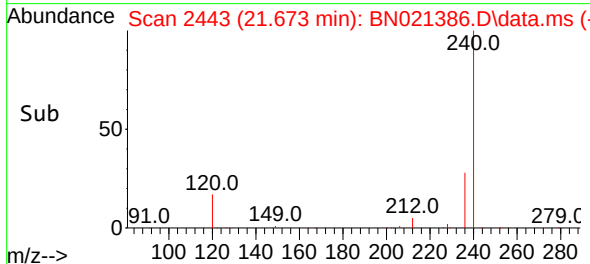
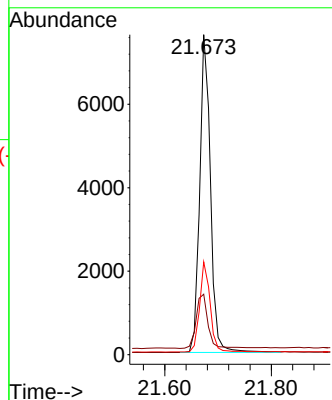
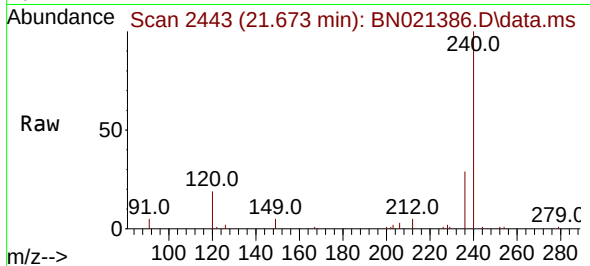




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN021386.D
Acq: 26 Aug 2022 15:40

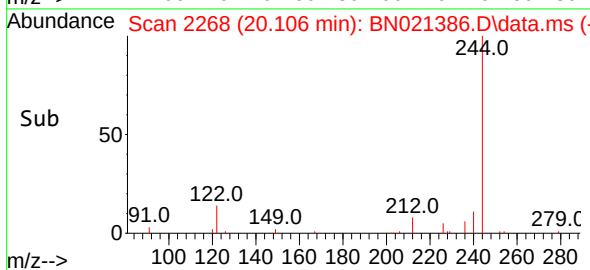
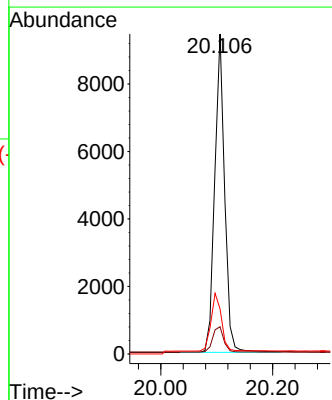
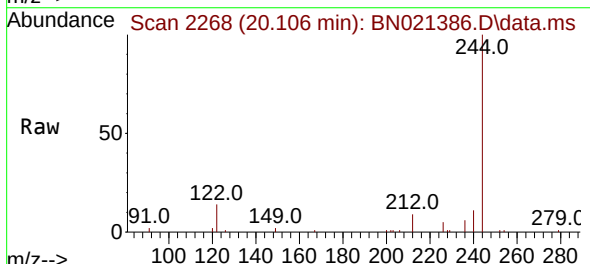
Instrument :
BNA_N
ClientSampleId :
MW179D-20220816

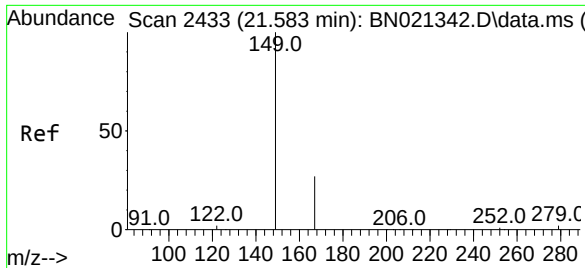
Tgt Ion:240 Resp: 10688
Ion Ratio Lower Upper
240 100
120 18.9 10.2 15.4#
236 29.0 22.1 33.1



#31
Terphenyl-d14
Concen: 0.514 ng
RT: 20.106 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BN021386.D
Acq: 26 Aug 2022 15:40

Tgt Ion:244 Resp: 11616
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 14.1 9.1 13.7#

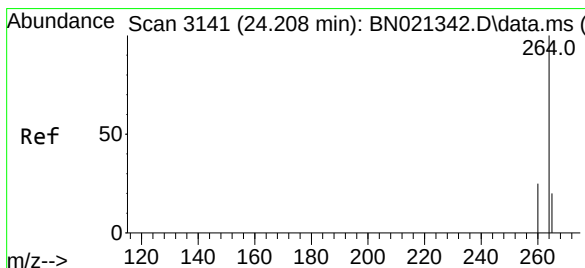
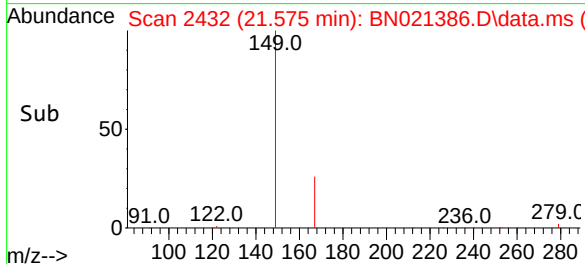
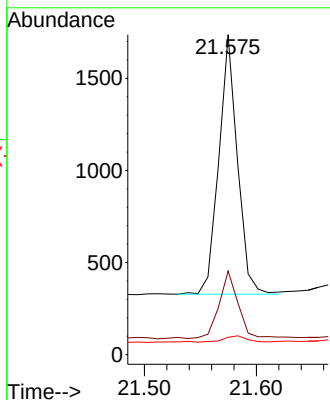
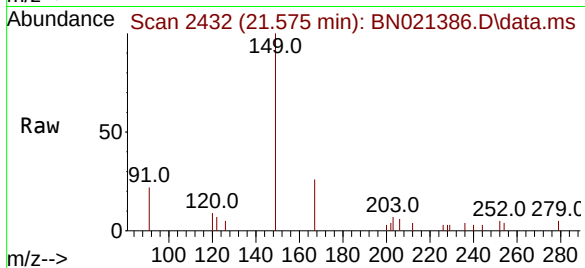




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.084 ng
 RT: 21.575 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BN021386.D
 Acq: 26 Aug 2022 15:40

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20220816

Tgt Ion:149 Resp: 1634
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.4 32.0
 279 3.0 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.203 min Scan# 3139
 Delta R.T. 0.000 min
 Lab File: BN021386.D
 Acq: 26 Aug 2022 15:40

Tgt Ion:264 Resp: 7858
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.0 31.6
 265 38.4 32.2 48.2

