

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024342.D
 Acq On : 17 Mar 2023 12:36
 Operator : CG/JU
 Sample : 01880-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT15811-20230309

Quant Time: Mar 17 22:42:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 04:37:08 2023
 Response via : Initial Calibration

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

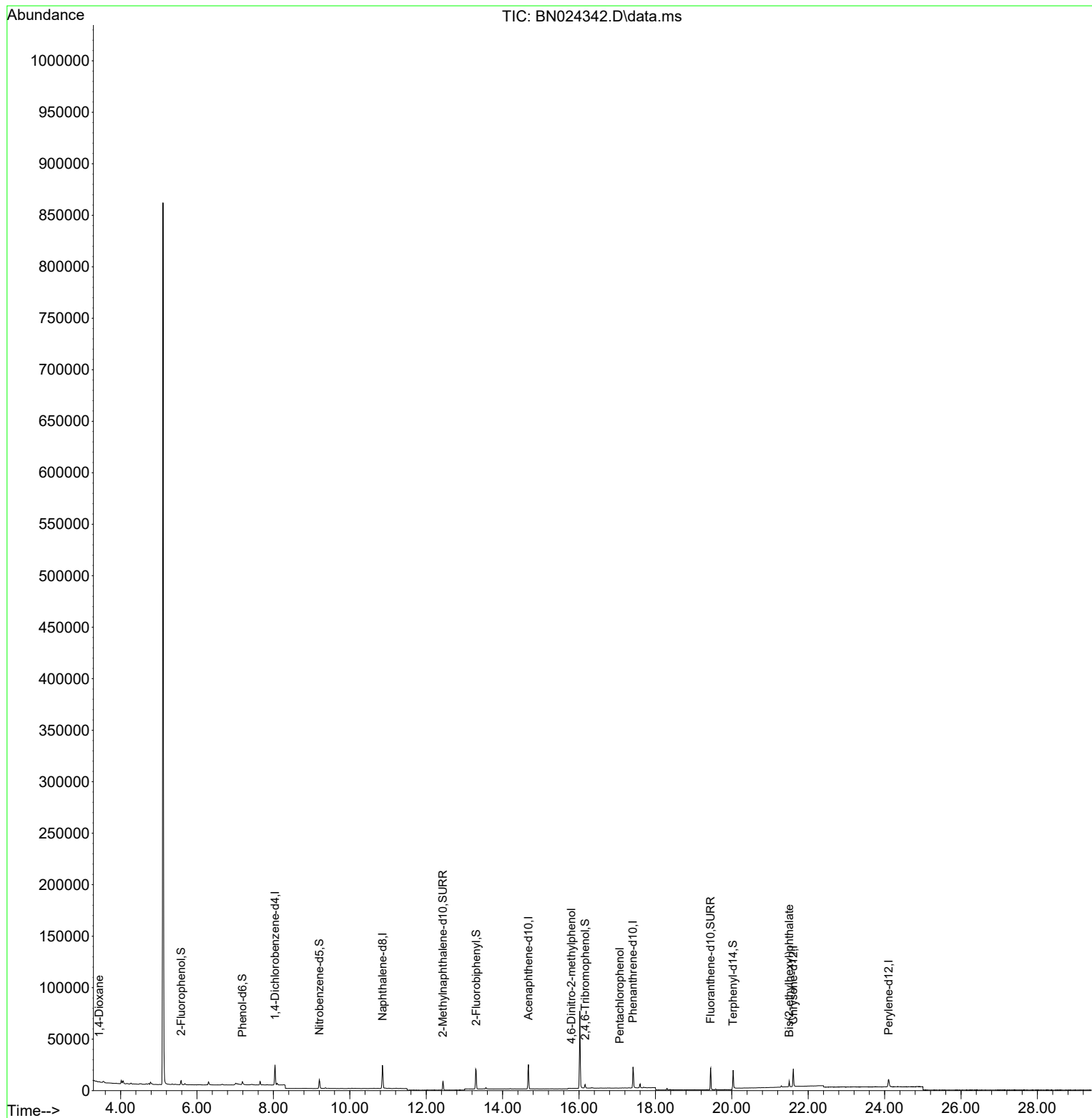
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	9382	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	27839	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	13123	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	26741	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	16084	0.400	ng	0.00
35) Perylene-d12	24.103	264	11504	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	3015	0.145	ng	0.00
5) Phenol-d6	7.188	99	2305	0.086	ng	0.00
8) Nitrobenzene-d5	9.200	82	6841	0.368	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	11359	0.332	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1848	0.276	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	17454	0.352	ng	0.00
27) Fluoranthene-d10	19.446	212	21463	0.379	ng	0.00
31) Terphenyl-d14	20.033	244	12828	0.473	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.439	88	319	0.031	ng	# 75
20) 4,6-Dinitro-2-methylph...	15.799	198	2	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	22	0.130	ng	# 63
34) Bis(2-ethylhexyl)phtha...	21.502	149	4795	0.190	ng	98

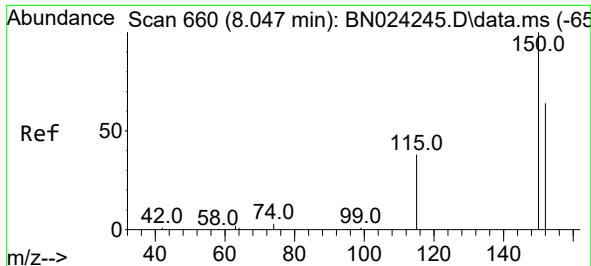
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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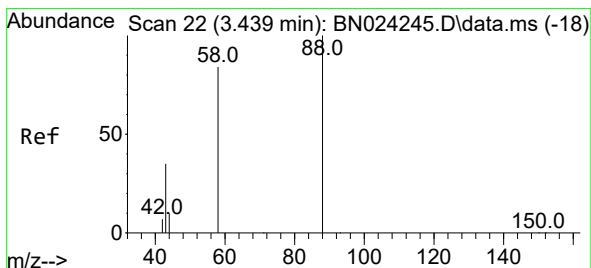
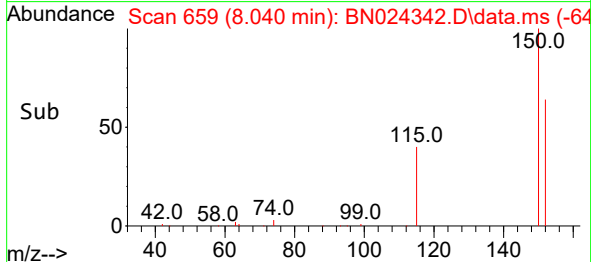
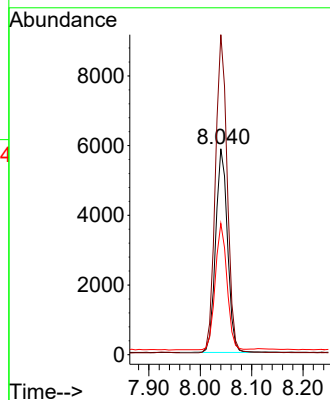
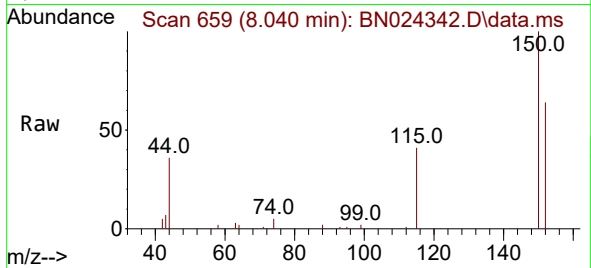




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024342.D
 Acq: 17 Mar 2023 12:36

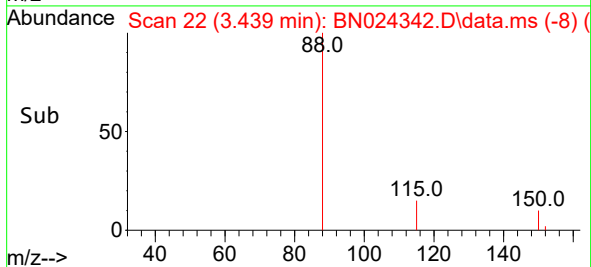
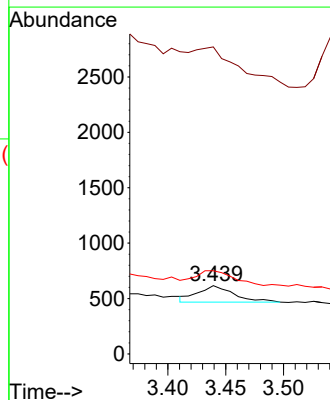
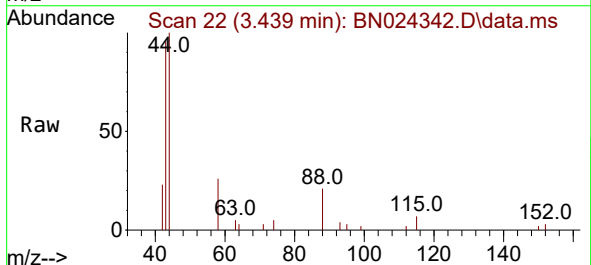
Instrument :
 BNA_N
 ClientSampleId :
 TT15811-20230309

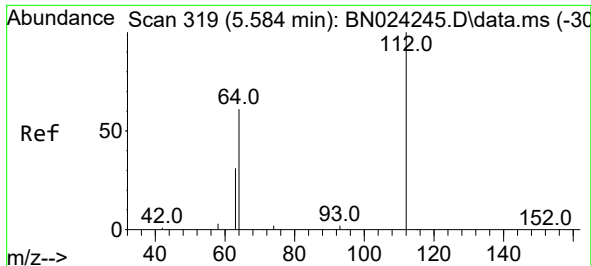
Tgt Ion:152 Resp: 9382
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.7 187.1
 115 63.7 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.031 ng
 RT: 3.439 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: BN024342.D
 Acq: 17 Mar 2023 12:36

Tgt Ion: 88 Resp: 319
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.0 43.4#
 58 92.2 67.3 100.9

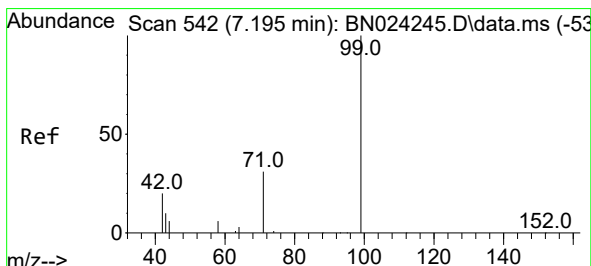
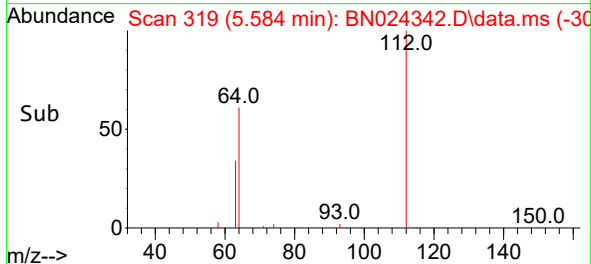
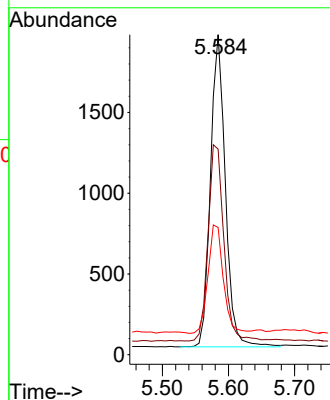
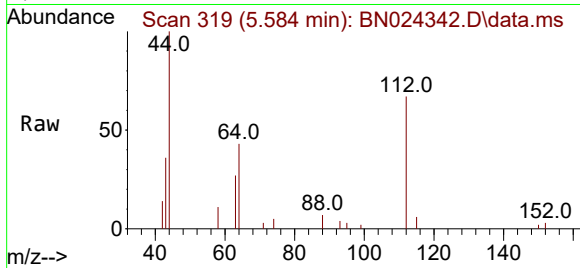




#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024342.D
Acq: 17 Mar 2023 12:36

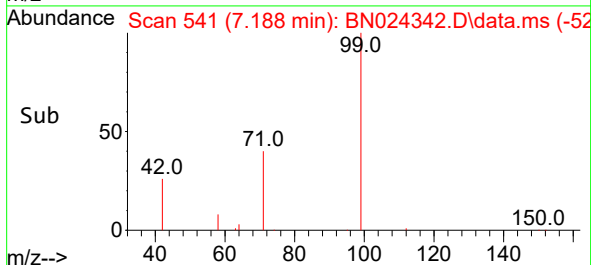
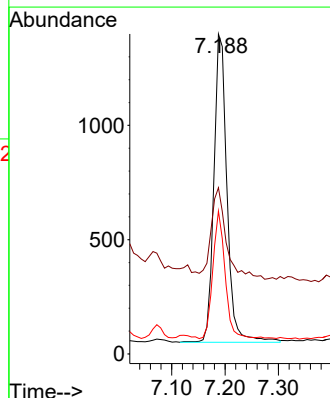
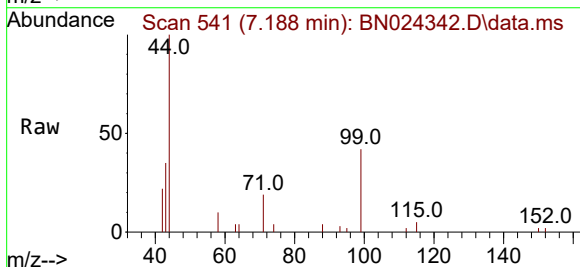
Instrument :
BNA_N
ClientSampleId :
TT15811-20230309

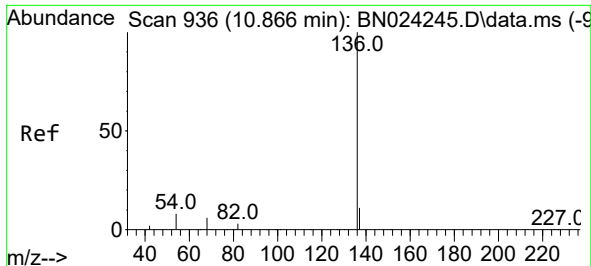
Tgt Ion:112 Resp: 3015
Ion Ratio Lower Upper
112 100
64 66.1 49.0 73.6
63 35.8 25.7 38.5



#5
Phenol-d6
Concen: 0.086 ng
RT: 7.188 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN024342.D
Acq: 17 Mar 2023 12:36

Tgt Ion: 99 Resp: 2305
Ion Ratio Lower Upper
99 100
42 33.6 20.1 30.1#
71 39.0 25.8 38.8#

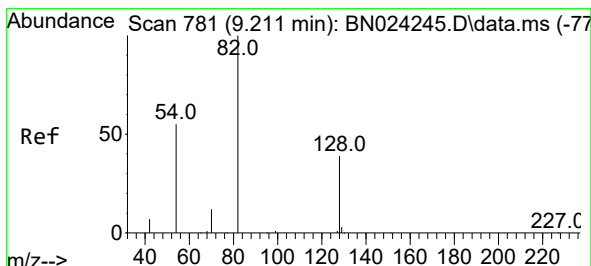
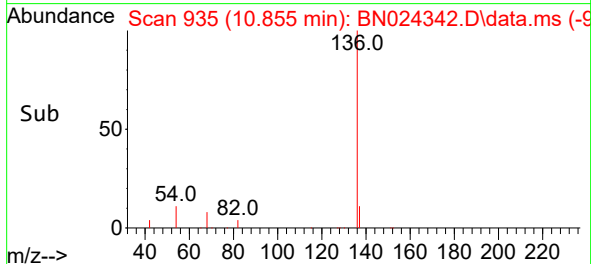
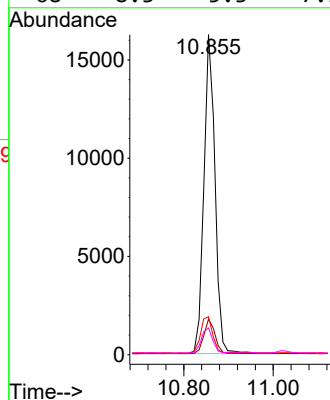
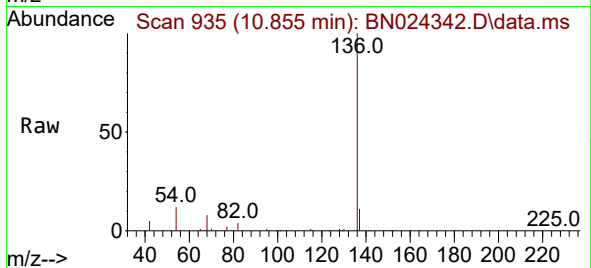




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024342.D
Acq: 17 Mar 2023 12:36

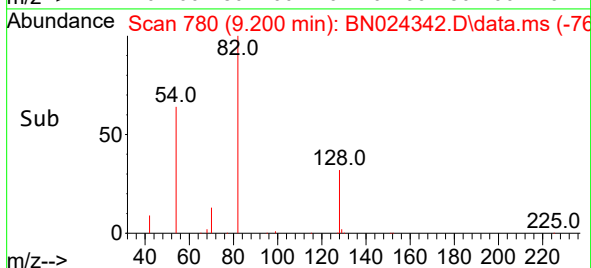
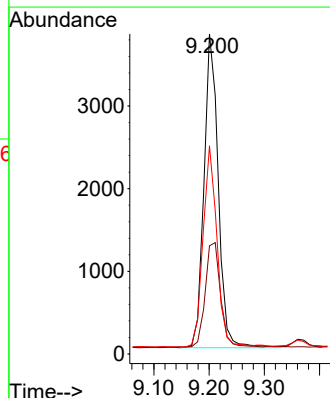
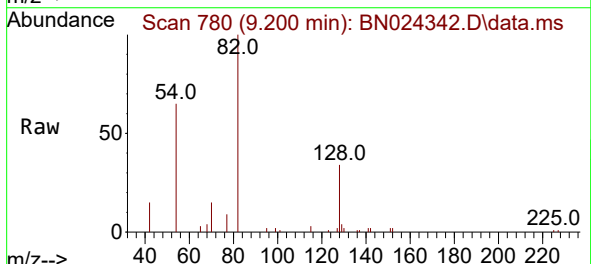
Instrument :
BNA_N
ClientSampleId :
TT15811-20230309

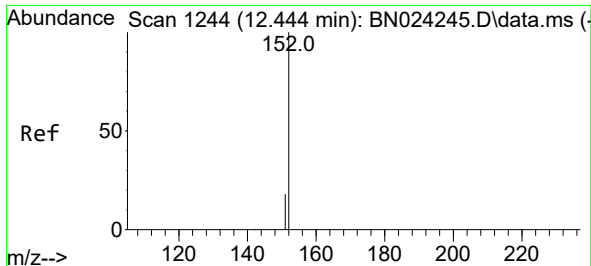
Tgt Ion:	136	Resp:	27839
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	11.9	7.1	10.7#
68	8.3	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 9.200 min Scan# 780
Delta R.T. -0.000 min
Lab File: BN024342.D
Acq: 17 Mar 2023 12:36

Tgt Ion:	82	Resp:	6841
Ion Ratio	Lower	Upper	
82	100		
128	33.8	32.4	48.6
54	65.0	45.2	67.8





#11

2-Methylnaphthalene-d10

Concen: 0.332 ng

RT: 12.437 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN024342.D

Acq: 17 Mar 2023 12:36

Instrument :

BNA_N

ClientSampleId :

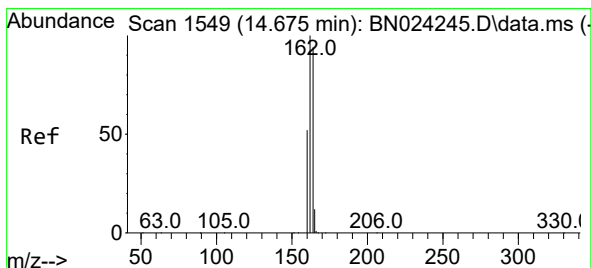
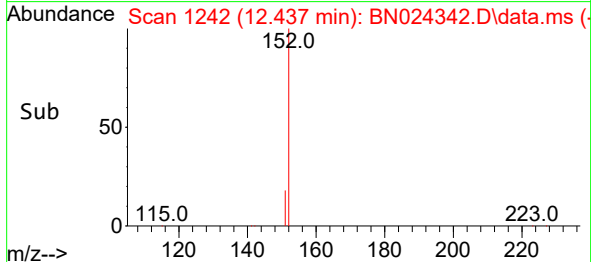
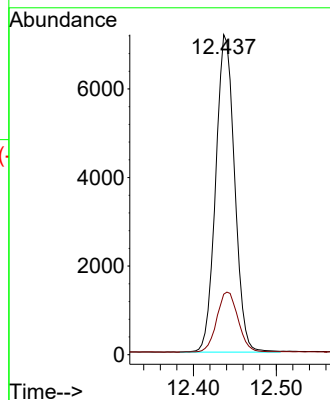
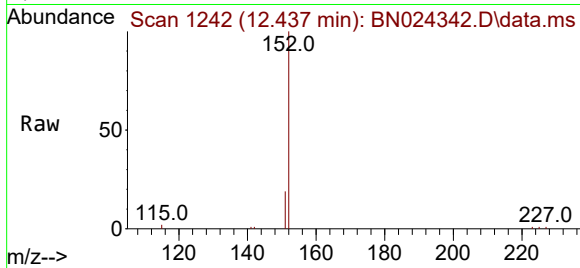
TT15811-20230309

Tgt Ion:152 Resp: 11359

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.675 min Scan# 1549

Delta R.T. -0.000 min

Lab File: BN024342.D

Acq: 17 Mar 2023 12:36

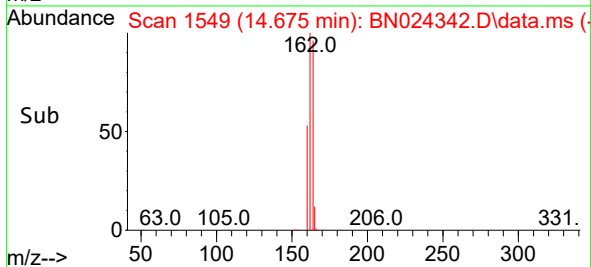
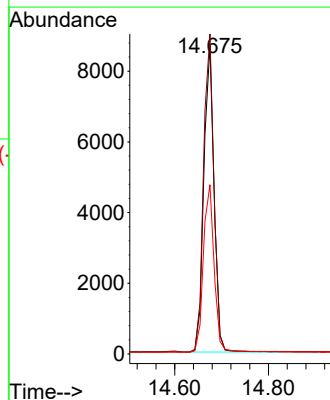
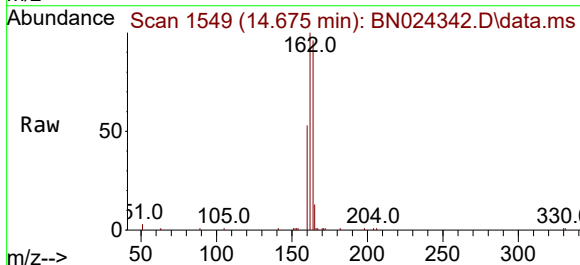
Tgt Ion:164 Resp: 13123

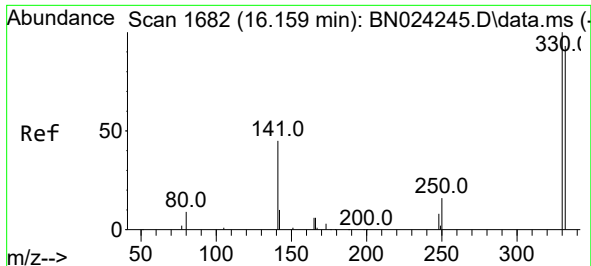
Ion Ratio Lower Upper

164 100

162 103.7 84.7 127.1

160 54.8 44.6 66.8

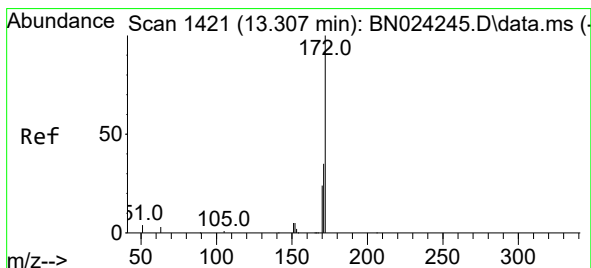
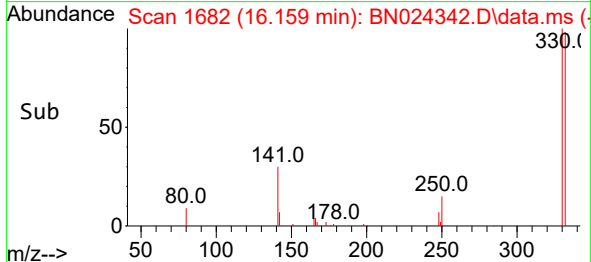
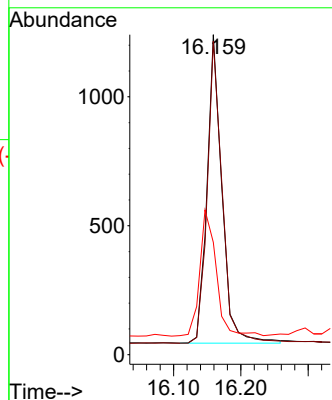
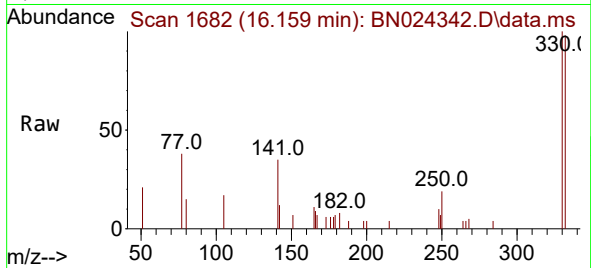




#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 16.159 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN024342.D
Acq: 17 Mar 2023 12:36

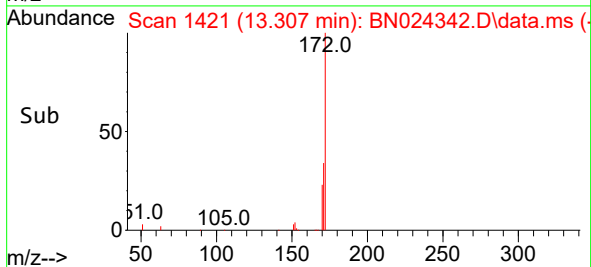
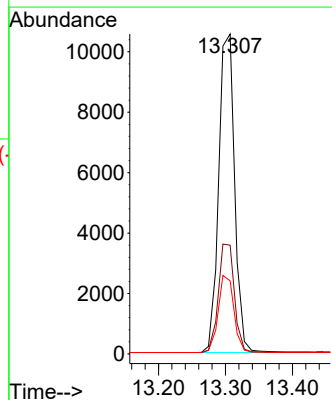
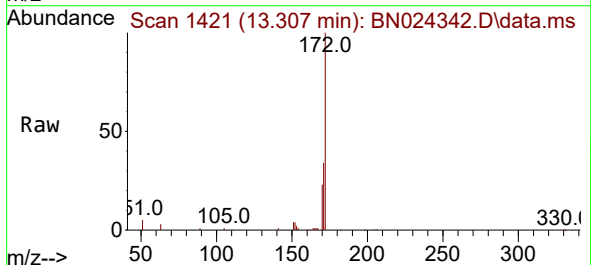
Instrument :
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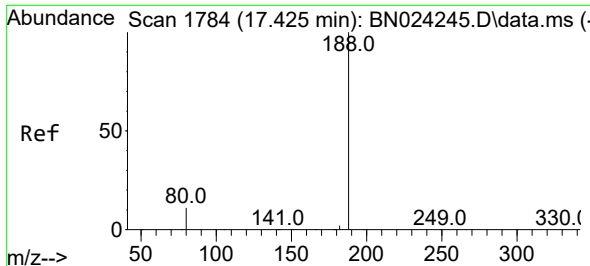
Tgt Ion: 330 Resp: 1848
Ion Ratio Lower Upper
330 100
332 97.9 78.0 117.0
141 45.1 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.307 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN024342.D
Acq: 17 Mar 2023 12:36

Tgt Ion: 172 Resp: 17454
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.8
170 22.9 19.0 28.6

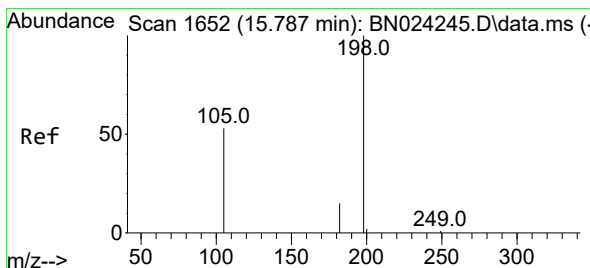
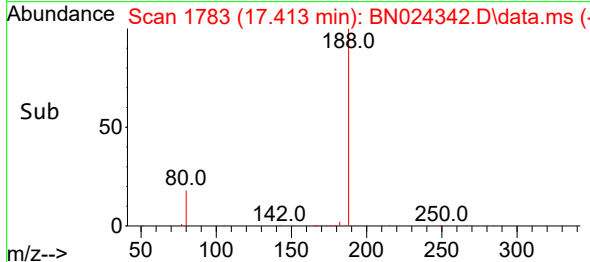
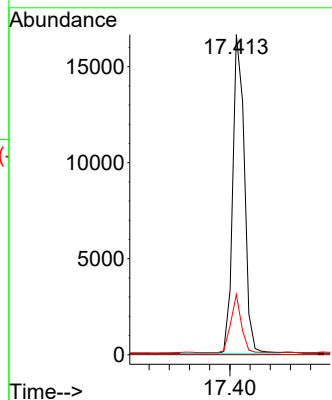
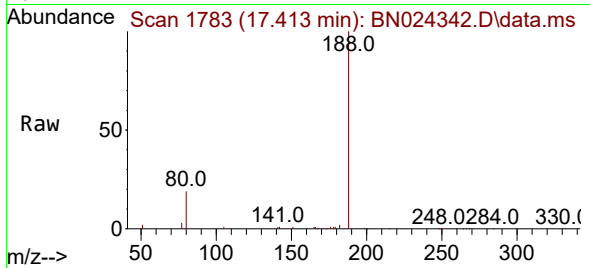




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024342.D
Acq: 17 Mar 2023 12:36

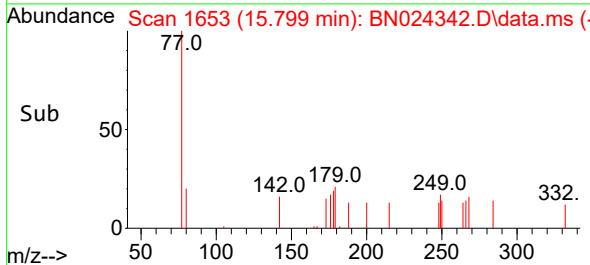
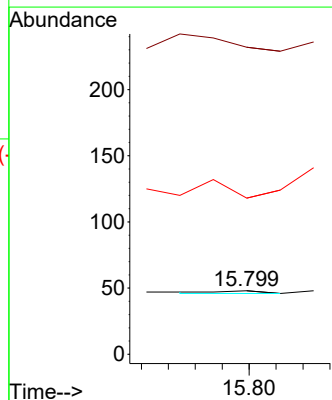
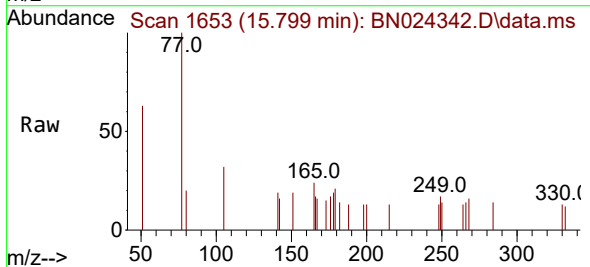
Instrument :
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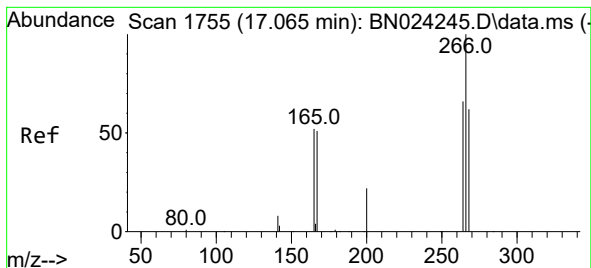
Tgt Ion:188 Resp: 26741
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.8 8.9 13.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.799 min Scan# 1653
Delta R.T. 0.012 min
Lab File: BN024342.D
Acq: 17 Mar 2023 12:36

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 483.3 68.2 102.2#
105 245.8 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.130 ng

RT: 17.065 min Scan# 1755

Delta R.T. -0.000 min

Lab File: BN024342.D

Acq: 17 Mar 2023 12:36

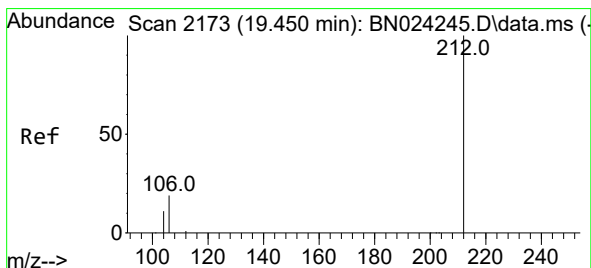
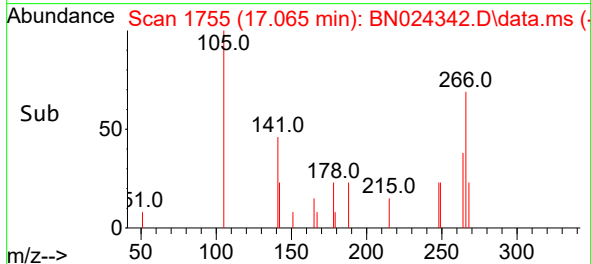
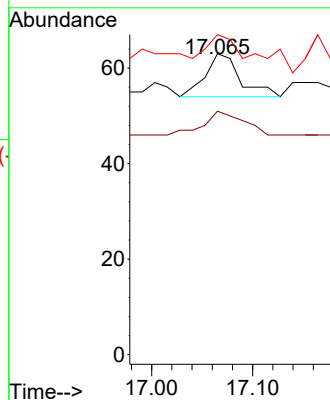
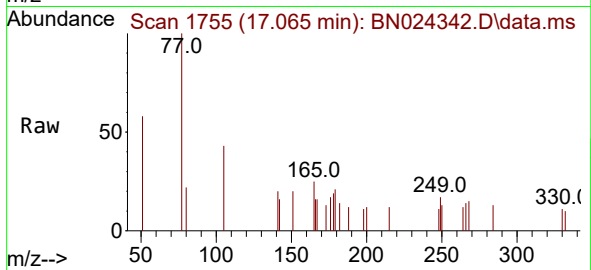
Instrument :

BNA_N

ClientSampleId :

TT15811-20230309

Tgt Ion:	266	Resp:	22
Ion Ratio	Lower	Upper	
266	100		
264	59.1	51.1	76.7
268	118.2	52.2	78.4



#27

Fluoranthene-d10

Concen: 0.379 ng

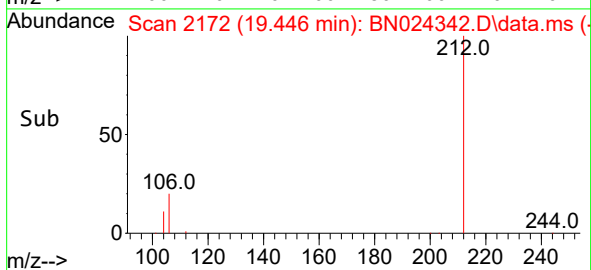
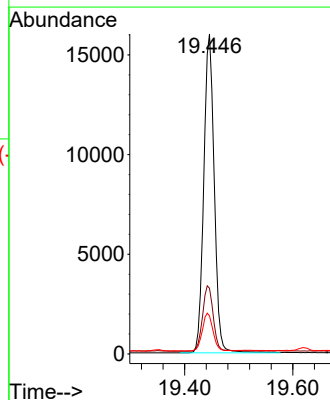
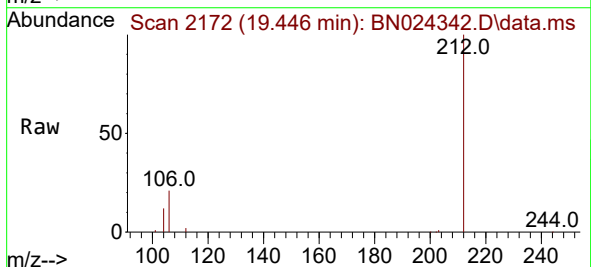
RT: 19.446 min Scan# 2172

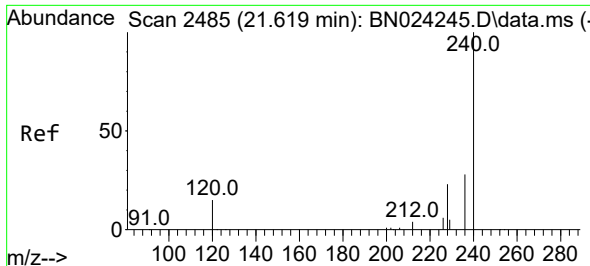
Delta R.T. -0.000 min

Lab File: BN024342.D

Acq: 17 Mar 2023 12:36

Tgt Ion:	212	Resp:	21463
Ion Ratio	Lower	Upper	
212	100		
106	21.0	15.4	23.2
104	12.0	8.6	13.0

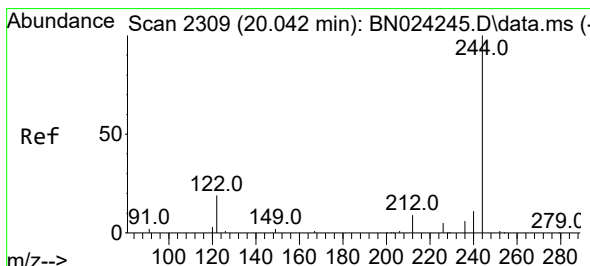
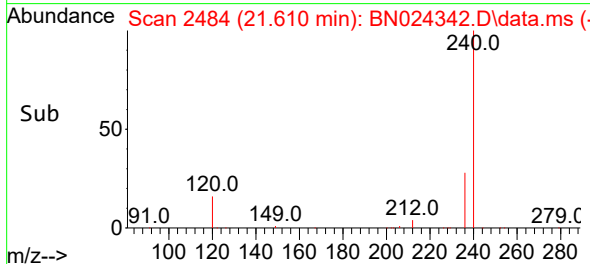
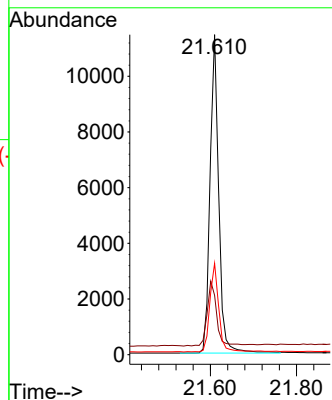
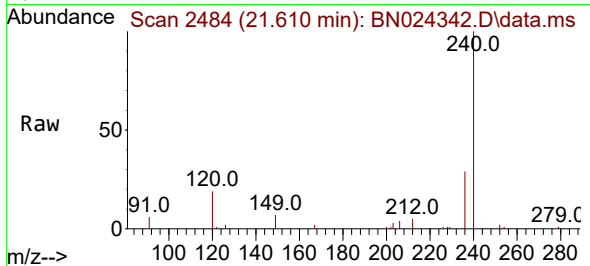




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024342.D
Acq: 17 Mar 2023 12:36

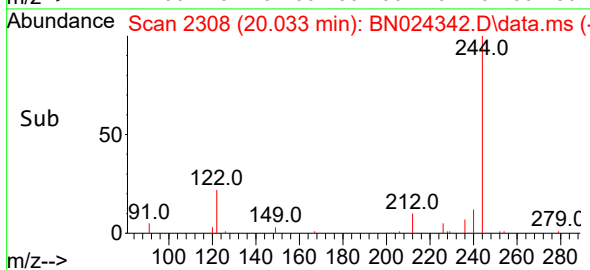
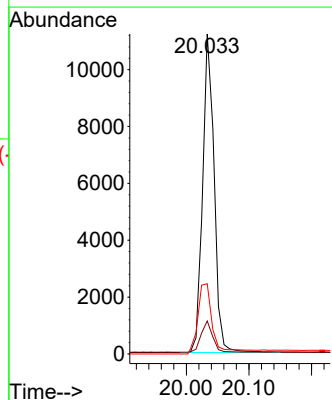
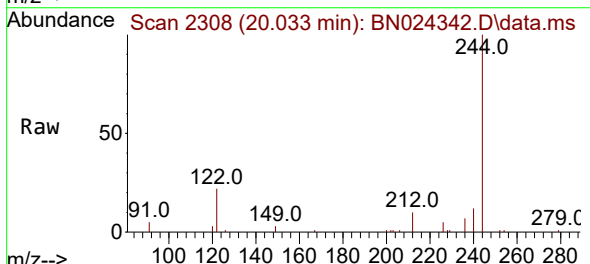
Instrument :
BNA_N
ClientSampleId :
TT15811-20230309

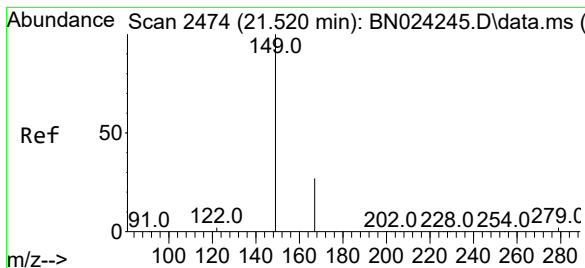
Tgt Ion:240 Resp: 16084
Ion Ratio Lower Upper
240 100
120 18.5 12.8 19.2
236 28.5 22.5 33.7



#31
Terphenyl-d14
Concen: 0.473 ng
RT: 20.033 min Scan# 2308
Delta R.T. -0.000 min
Lab File: BN024342.D
Acq: 17 Mar 2023 12:36

Tgt Ion:244 Resp: 12828
Ion Ratio Lower Upper
244 100
212 10.3 7.6 11.4
122 22.0 15.1 22.7

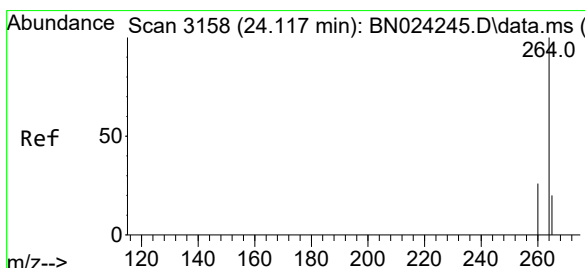
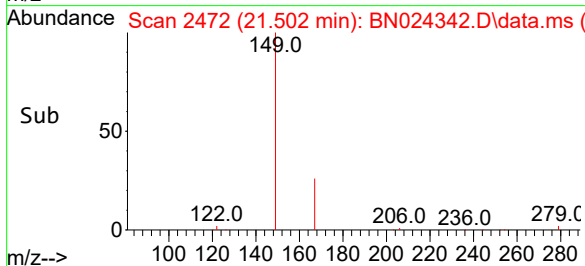
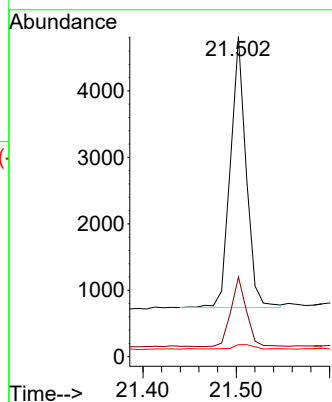
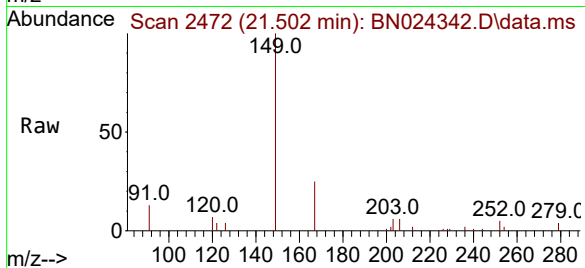




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.190 ng
RT: 21.502 min Scan# 2474
Delta R.T. -0.000 min
Lab File: BN024342.D
Acq: 17 Mar 2023 12:36

Instrument :
BNA_N
ClientSampleId :
TT15811-20230309

Tgt Ion:149 Resp: 4795
Ion Ratio Lower Upper
149 100
167 25.2 21.2 31.8
279 2.4 1.8 2.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.103 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BN024342.D
Acq: 17 Mar 2023 12:36

Tgt Ion:264 Resp: 11504
Ion Ratio Lower Upper
264 100
260 28.3 21.4 32.2
265 67.7 35.7 53.5#

