

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024374.D
 Acq On : 18 Mar 2023 10:09
 Operator : CG/JU
 Sample : 01879-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20230309

Quant Time: Mar 20 01:08:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:49:08 2023
 Response via : Initial Calibration

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

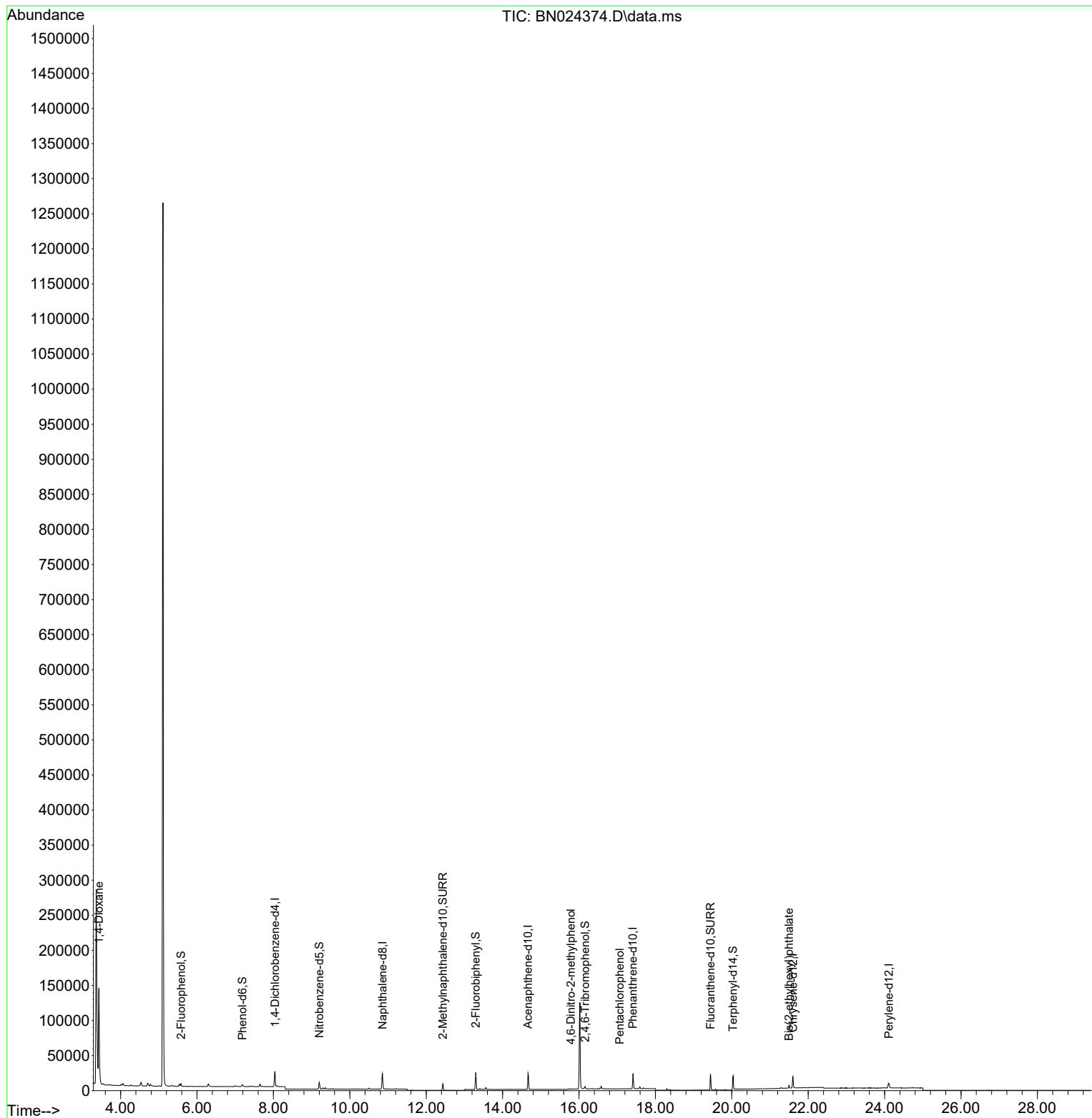
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	9498	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	28474	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	13269	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	26981	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	16639	0.400	ng	0.00
35) Perylene-d12	24.108	264	11952	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2953	0.140	ng	0.00
5) Phenol-d6	7.188	99	2179	0.081	ng	0.00
8) Nitrobenzene-d5	9.201	82	7805	0.410	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	13099	0.374	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1824	0.269	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	19295	0.385	ng	0.00
27) Fluoranthene-d10	19.442	212	22545	0.394	ng	0.00
31) Terphenyl-d14	20.034	244	14663	0.523	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	86682	8.387	ng	95
20) 4,6-Dinitro-2-methylph...	15.787	198	13	0.181	ng	# 1
24) Pentachlorophenol	17.065	266	38	0.132	ng	# 61
34) Bis(2-ethylhexyl)phtha...	21.493	149	3964	0.152	ng	97

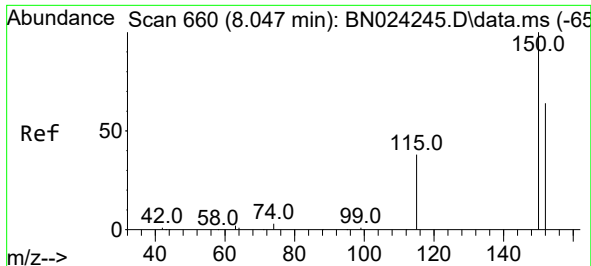
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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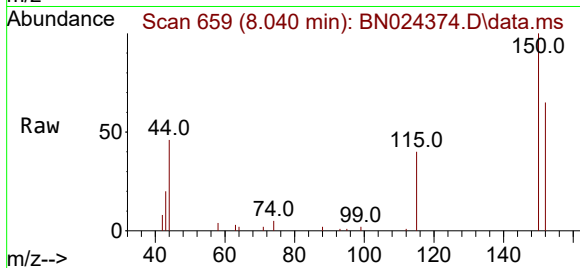
Quant Time: Mar 20 01:08:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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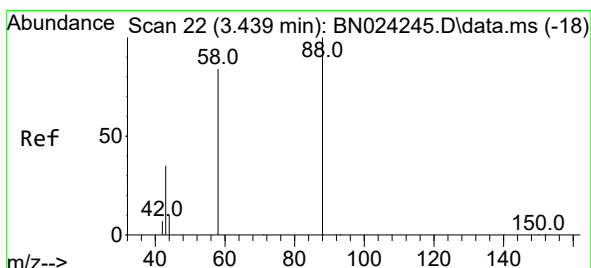
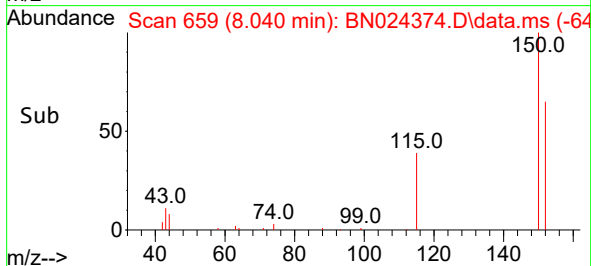
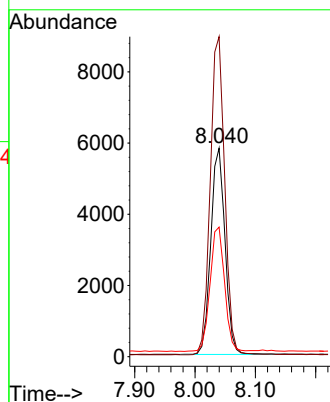


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024374.D
Acq: 18 Mar 2023 10:09

Instrument :
BNA_N
ClientSampleId :
RE134D2-20230309

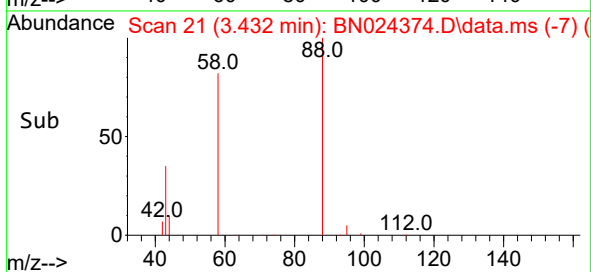
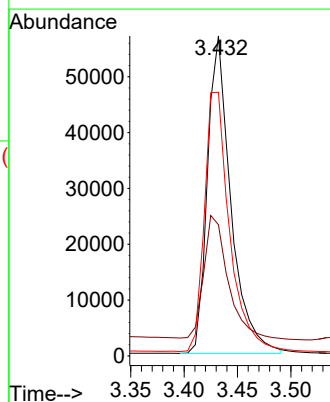
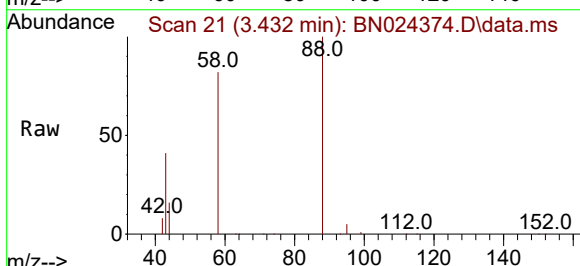


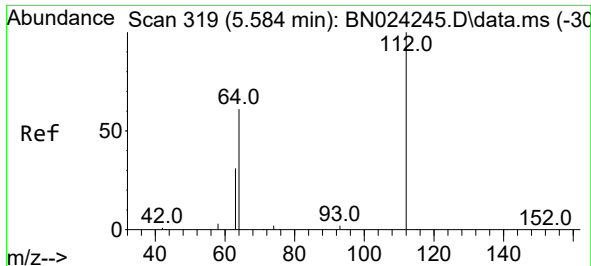
Tgt Ion:152 Resp: 9498
Ion Ratio Lower Upper
152 100
150 153.5 124.7 187.1
115 62.1 49.1 73.7



#2
1,4-Dioxane
Concen: 8.387 ng
RT: 3.432 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024374.D
Acq: 18 Mar 2023 10:09

Tgt Ion: 88 Resp: 86682
Ion Ratio Lower Upper
88 100
43 39.7 29.0 43.4
58 87.7 67.3 100.9





#4

2-Fluorophenol

Concen: 0.140 ng

RT: 5.584 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN024374.D

Acq: 18 Mar 2023 10:09

Instrument :

BNA_N

ClientSampleId :

RE134D2-20230309

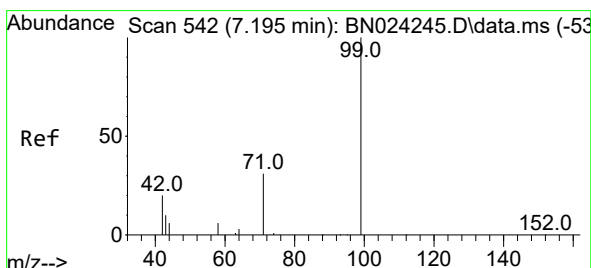
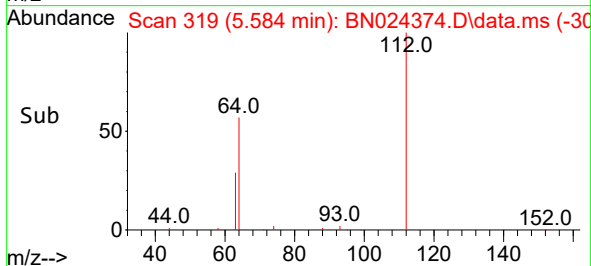
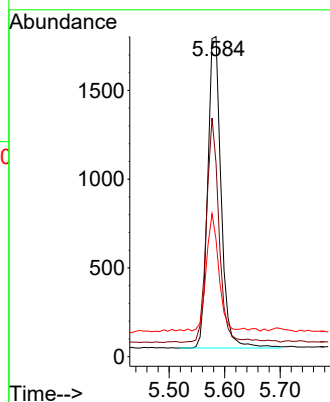
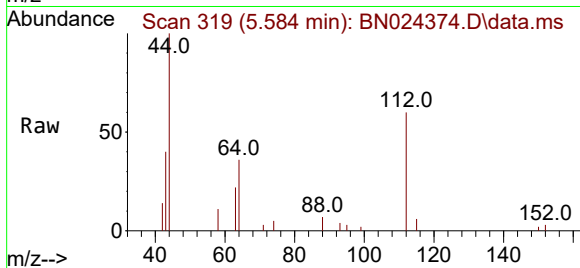
Tgt Ion:112 Resp: 2953

Ion Ratio Lower Upper

112 100

64 67.6 49.0 73.6

63 34.5 25.7 38.5



#5

Phenol-d6

Concen: 0.081 ng

RT: 7.188 min Scan# 541

Delta R.T. 0.000 min

Lab File: BN024374.D

Acq: 18 Mar 2023 10:09

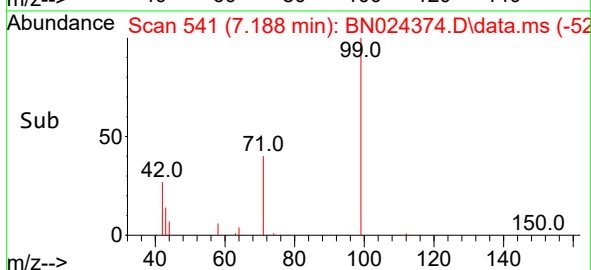
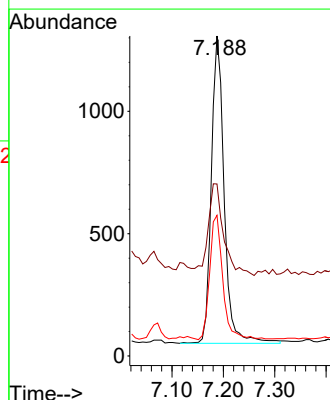
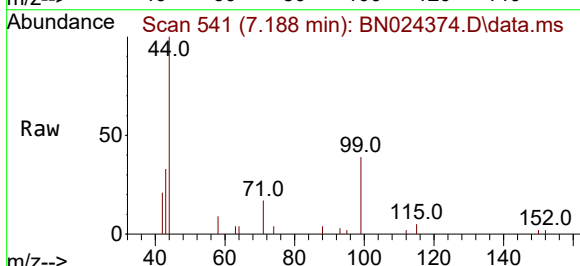
Tgt Ion: 99 Resp: 2179

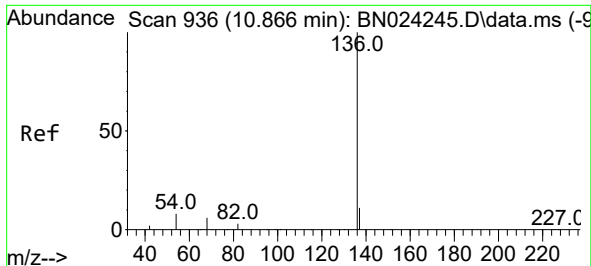
Ion Ratio Lower Upper

99 100

42 36.3 20.1 30.1#

71 41.8 25.8 38.8#

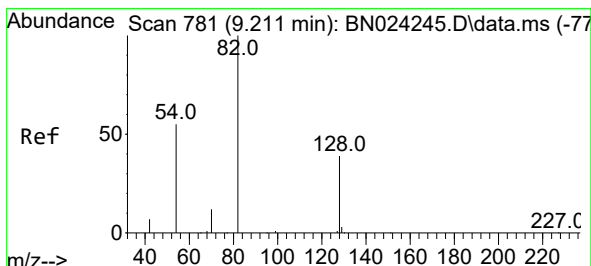
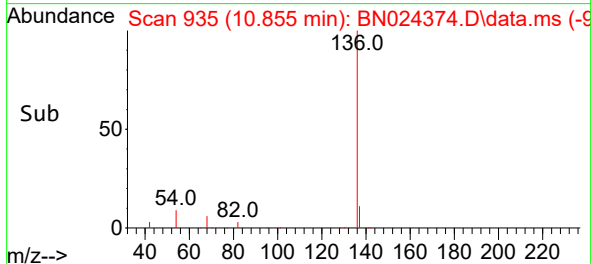
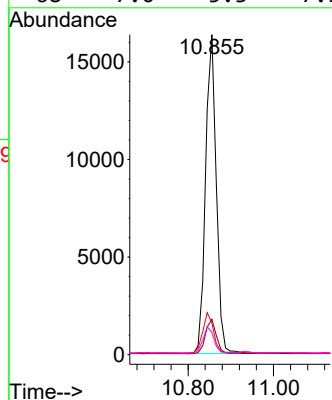
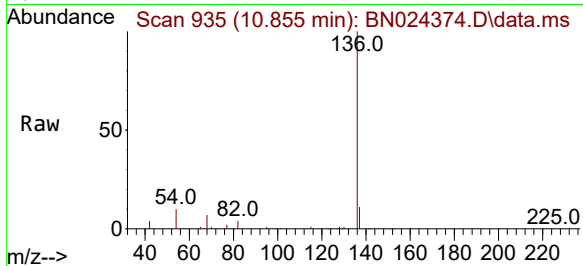




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024374.D
Acq: 18 Mar 2023 10:09

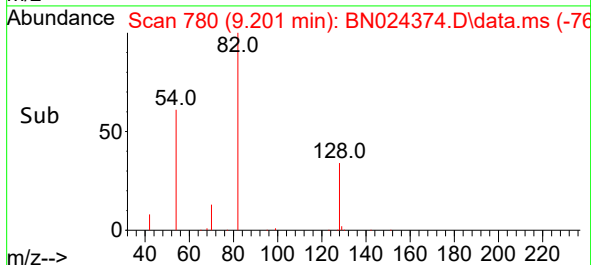
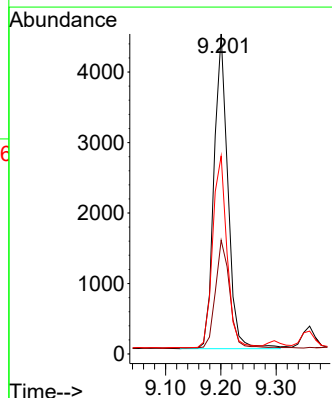
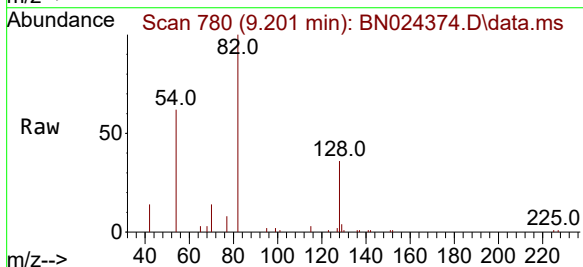
Instrument :
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RE134D2-20230309

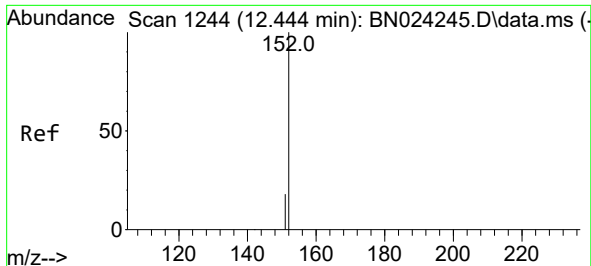
Tgt Ion:	136	Resp:	28474
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	9.9	7.1	10.7
68	7.0	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.410 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024374.D
Acq: 18 Mar 2023 10:09

Tgt Ion:	82	Resp:	7805
Ion Ratio	Lower	Upper	
82	100		
128	35.5	32.4	48.6
54	61.8	45.2	67.8

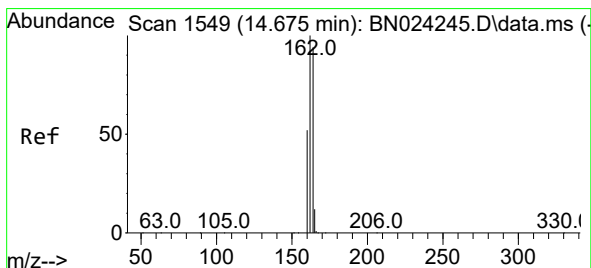
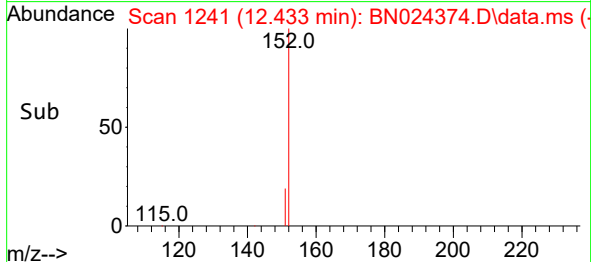
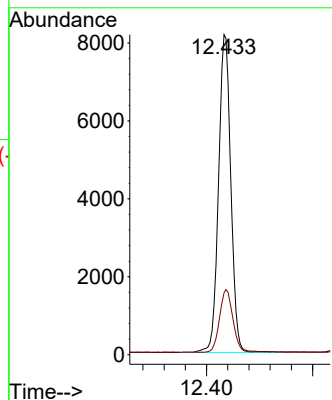
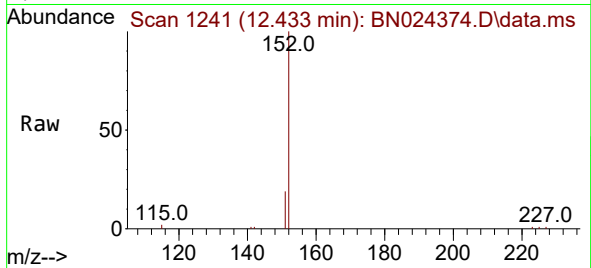




#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024374.D
Acq: 18 Mar 2023 10:09

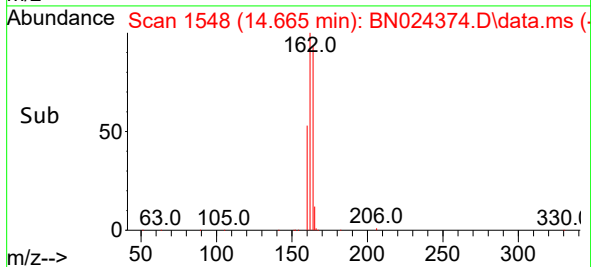
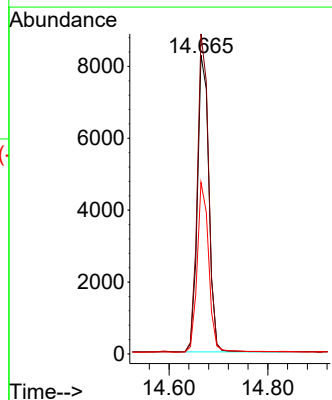
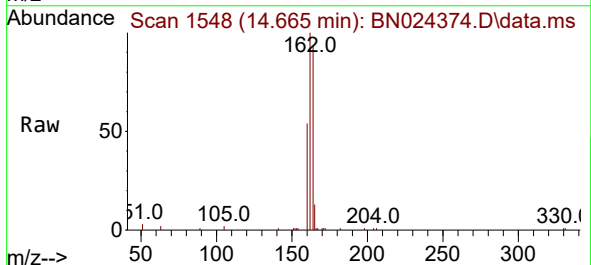
Instrument :
BNA_N
ClientSampleId :
RE134D2-20230309

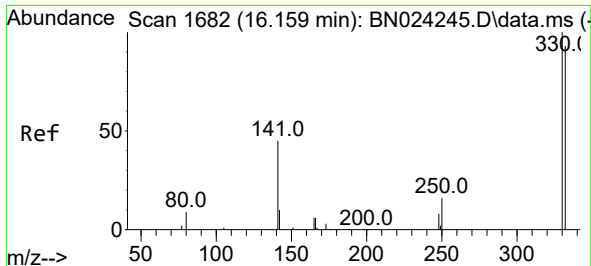
Tgt Ion:152 Resp: 13099
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN024374.D
Acq: 18 Mar 2023 10:09

Tgt Ion:164 Resp: 13269
Ion Ratio Lower Upper
164 100
162 107.1 84.7 127.1
160 57.4 44.6 66.8

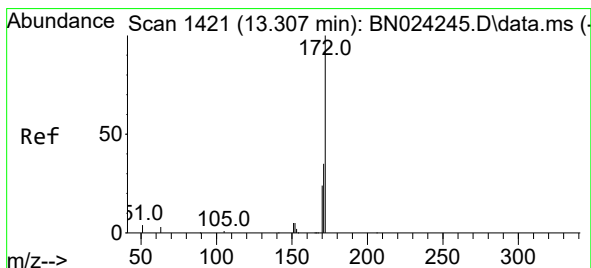
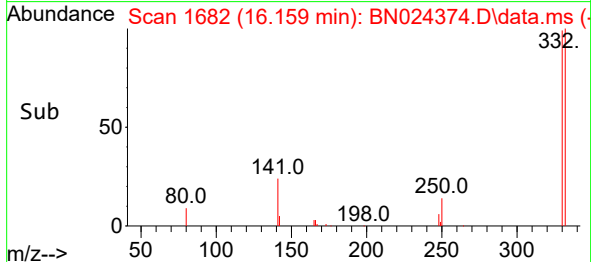
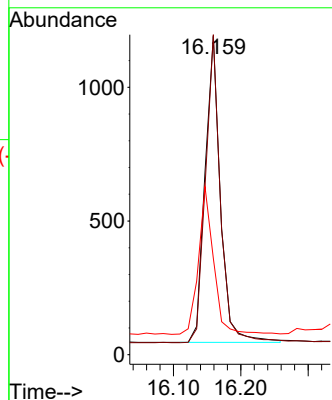
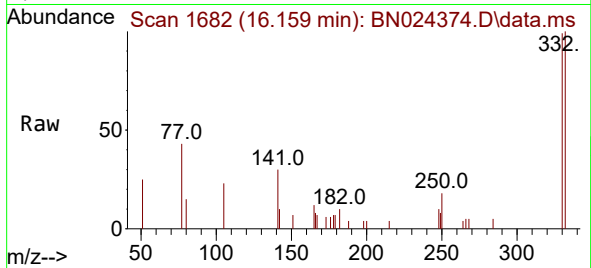




#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024374.D
Acq: 18 Mar 2023 10:09

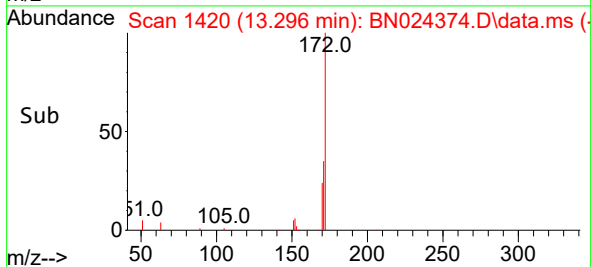
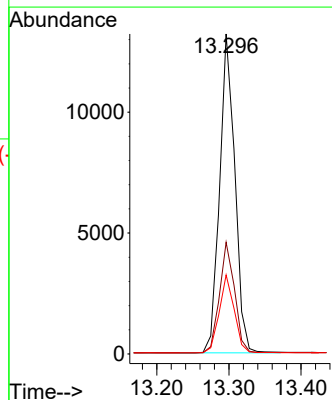
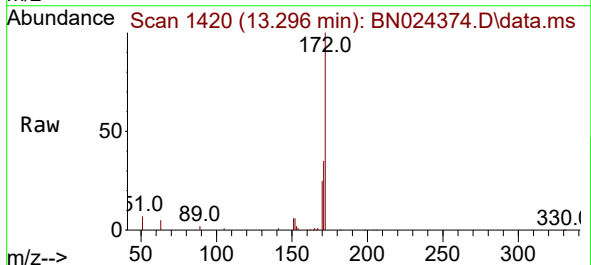
Instrument :
BNA_N
ClientSampleId :
RE134D2-20230309

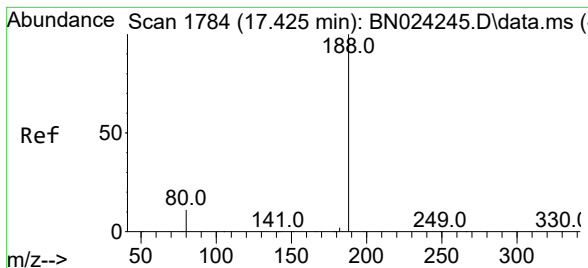
Tgt Ion:330 Resp: 1824
Ion Ratio Lower Upper
330 100
332 97.5 78.0 117.0
141 47.5 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.296 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN024374.D
Acq: 18 Mar 2023 10:09

Tgt Ion:172 Resp: 19295
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 24.7 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: BN024374.D

Acq: 18 Mar 2023 10:09

Instrument :

BNA_N

ClientSampleId :

RE134D2-20230309

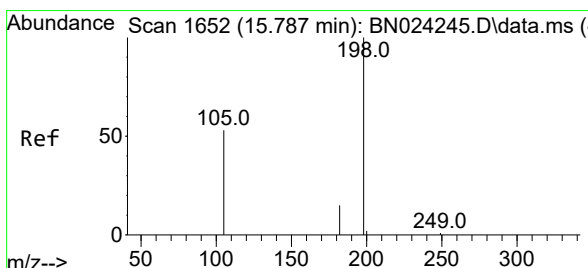
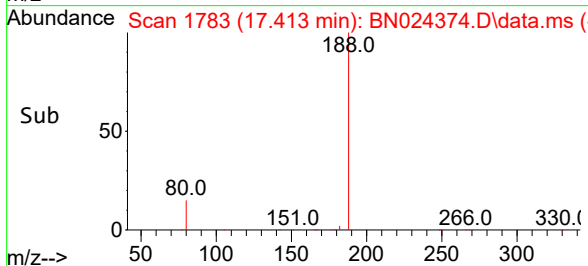
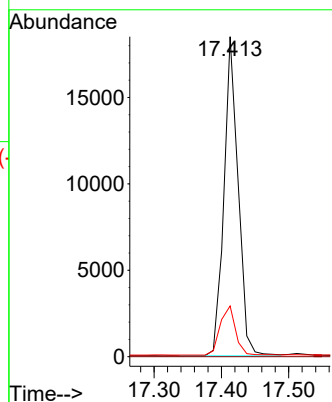
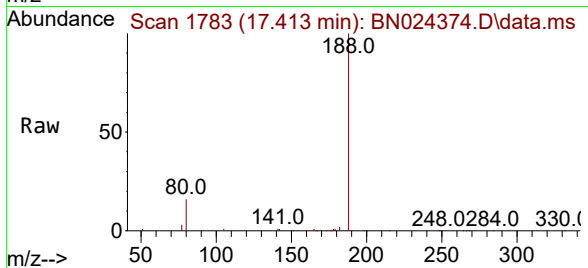
Tgt Ion:188 Resp: 26981

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.9 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.181 ng

RT: 15.787 min Scan# 1652

Delta R.T. 0.000 min

Lab File: BN024374.D

Acq: 18 Mar 2023 10:09

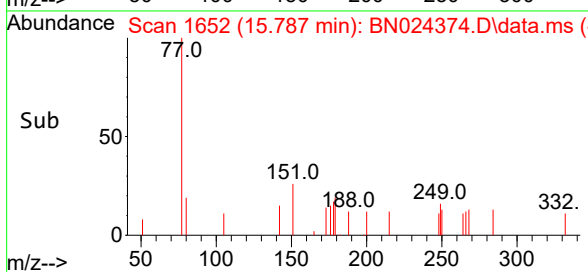
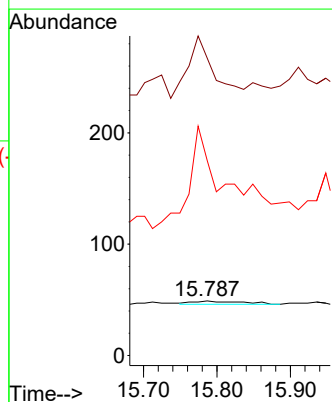
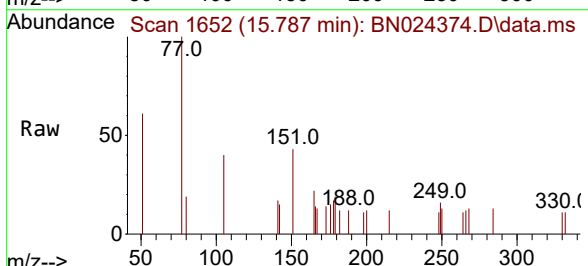
Tgt Ion:198 Resp: 13

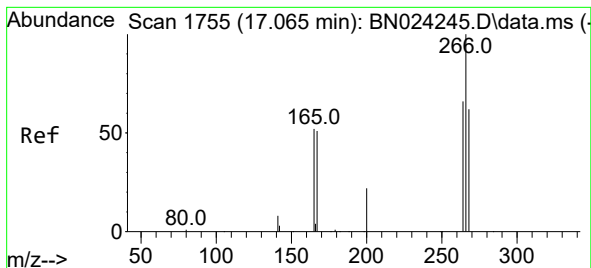
Ion Ratio Lower Upper

198 100

51 544.9 68.2 102.2#

105 357.1 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.132 ng

RT: 17.065 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024374.D

Acq: 18 Mar 2023 10:09

Instrument :

BNA_N

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RE134D2-20230309

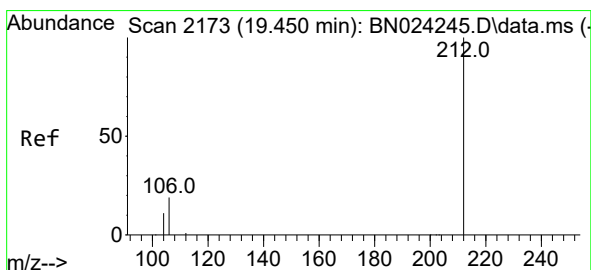
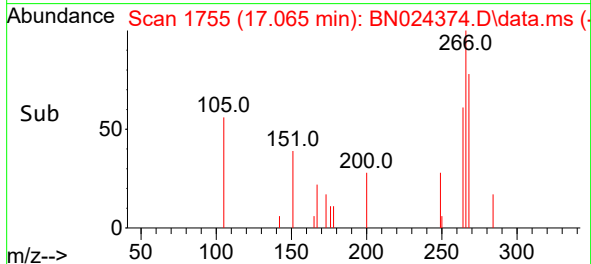
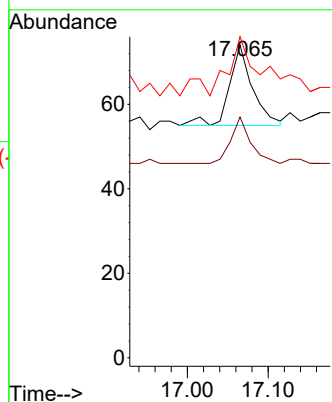
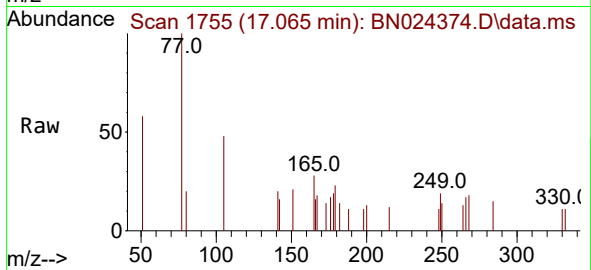
Tgt Ion:266 Resp: 38

Ion Ratio Lower Upper

266 100

264 50.0 51.1 76.7#

268 113.2 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.442 min Scan# 2171

Delta R.T. 0.000 min

Lab File: BN024374.D

Acq: 18 Mar 2023 10:09

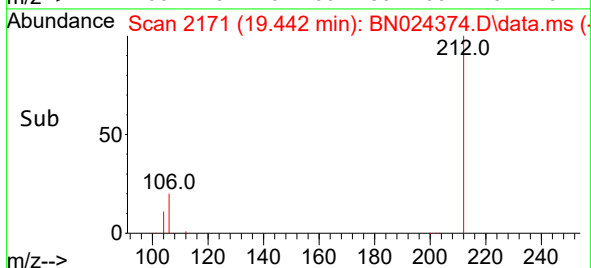
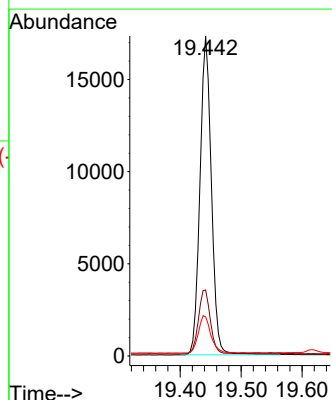
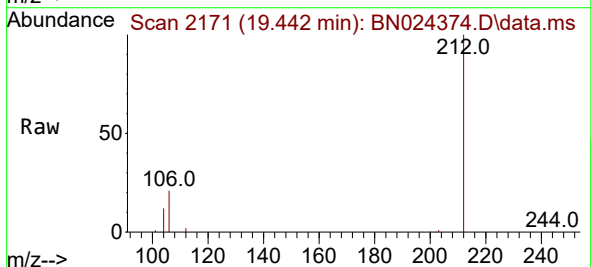
Tgt Ion:212 Resp: 22545

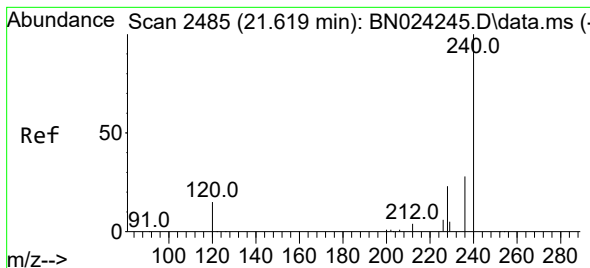
Ion Ratio Lower Upper

212 100

106 20.9 15.4 23.2

104 12.9 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.601 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BN024374.D

Acq: 18 Mar 2023 10:09

Instrument :

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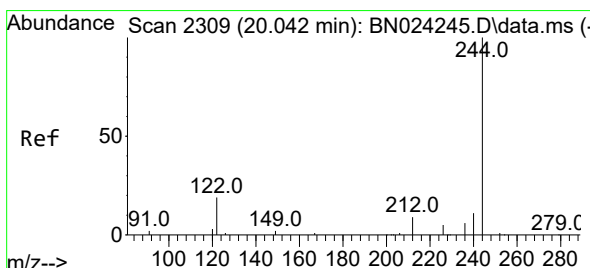
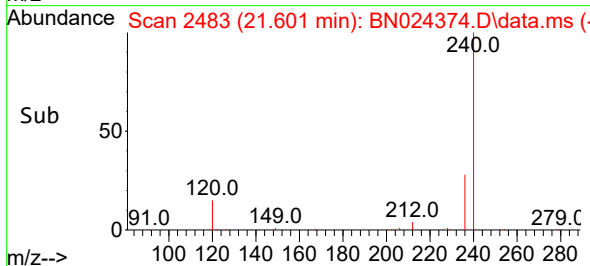
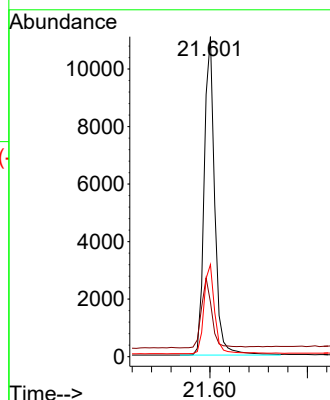
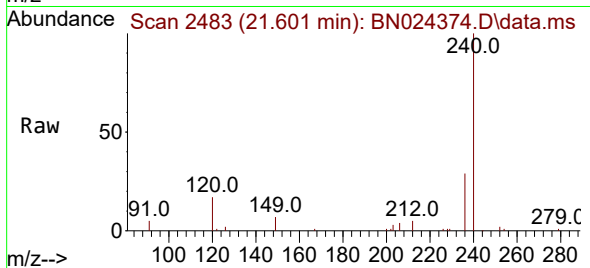
Tgt Ion:240 Resp: 16639

Ion Ratio Lower Upper

240 100

120 17.1 12.8 19.2

236 28.8 22.5 33.7



#31

Terphenyl-d14

Concen: 0.523 ng

RT: 20.034 min Scan# 2308

Delta R.T. 0.000 min

Lab File: BN024374.D

Acq: 18 Mar 2023 10:09

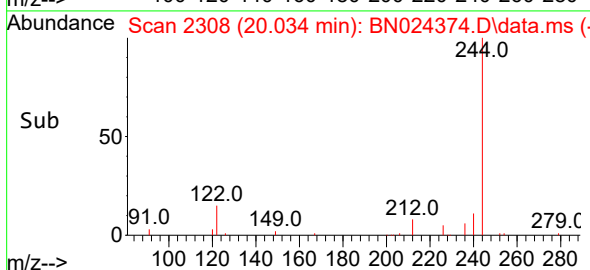
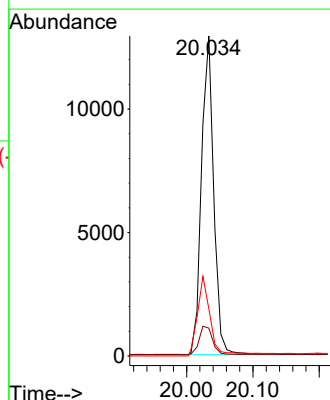
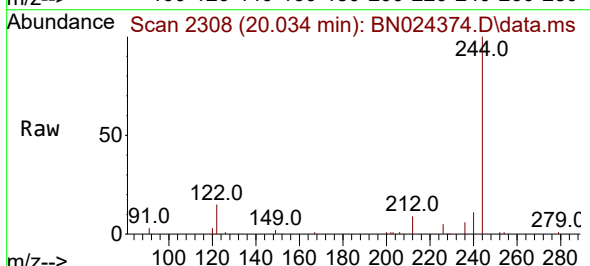
Tgt Ion:244 Resp: 14663

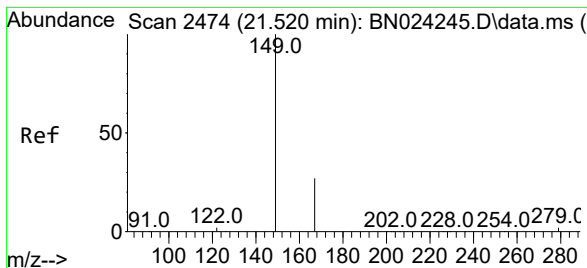
Ion Ratio Lower Upper

244 100

212 8.7 7.6 11.4

122 14.8 15.1 22.7#

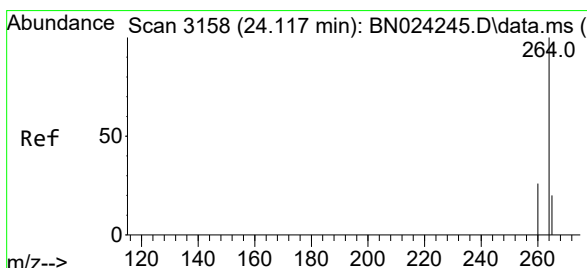
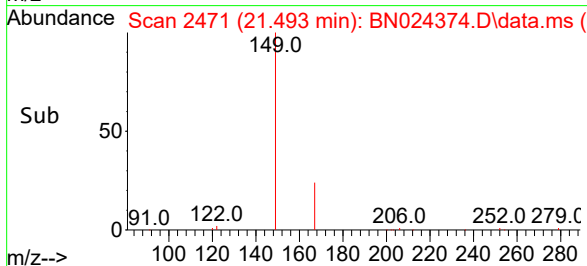
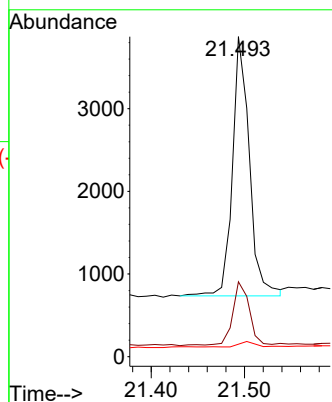
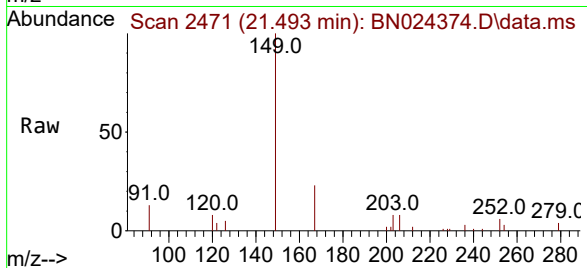




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.152 ng
 RT: 21.493 min Scan# 2471
 Delta R.T. -0.009 min
 Lab File: BN024374.D
 Acq: 18 Mar 2023 10:09

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20230309

Tgt Ion:	149	Resp:	3964
Ion Ratio	Lower	Upper	
149	100		
167	24.7	21.2	31.8
279	1.9	1.8	2.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.108 min Scan# 3155
 Delta R.T. 0.012 min
 Lab File: BN024374.D
 Acq: 18 Mar 2023 10:09

Tgt Ion:	264	Resp:	11952
Ion Ratio	Lower	Upper	
264	100		
260	27.2	21.4	32.2
265	66.7	35.7	53.5

