

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024364.D
 Acq On : 18 Mar 2023 02:13
 Operator : CG/JU
 Sample : 01879-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20230308

Quant Time: Mar 18 03:01:44 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)

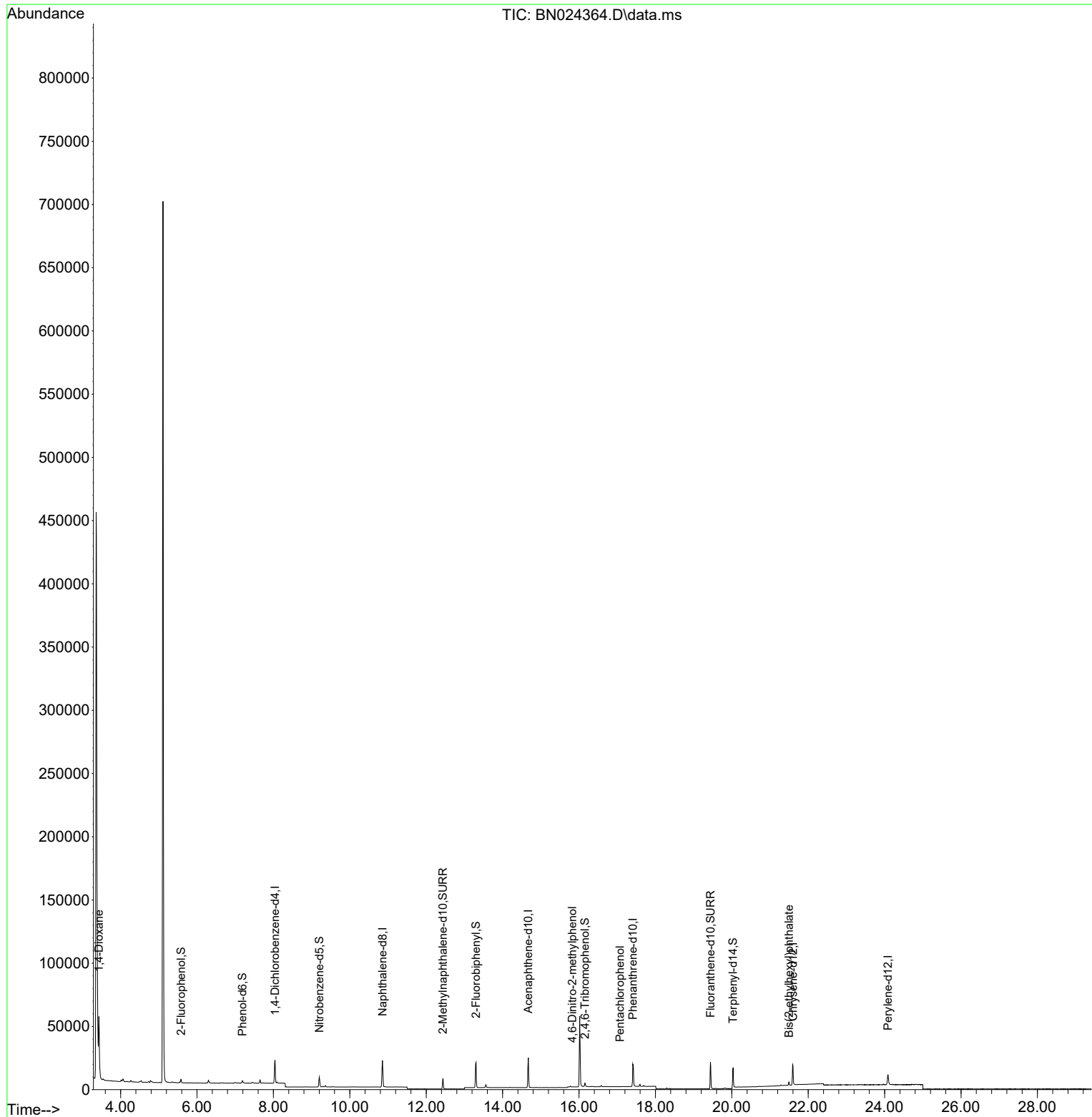
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	8736	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	26592	0.400	ng	0.00
13) Acenaphthene-d10	14.672	164	12669	0.400	ng	0.00
19) Phenanthrene-d10	17.409	188	25800	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	16580	0.400	ng	0.00
35) Perylene-d12	24.085	264	12400	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2182	0.113	ng	0.00
5) Phenol-d6	7.188	99	1575	0.063	ng	0.00
8) Nitrobenzene-d5	9.201	82	6085	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	10844	0.332	ng	0.00
14) 2,4,6-Tribromophenol	16.155	330	1512	0.233	ng	0.00
15) 2-Fluorobiphenyl	13.303	172	18178	0.380	ng	0.00
27) Fluoranthene-d10	19.442	212	21518	0.393	ng	0.00
31) Terphenyl-d14	20.034	244	12101	0.433	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	26547	2.793	ng	Qvalue 97
20) 4,6-Dinitro-2-methylph...	15.820	198	4	0.179	ng	# 1
24) Pentachlorophenol	17.074	266	39	0.132	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.494	149	2289	0.088	ng	# 96

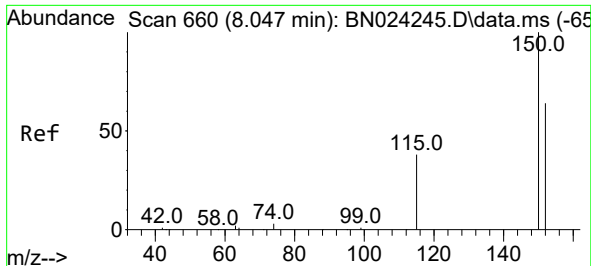
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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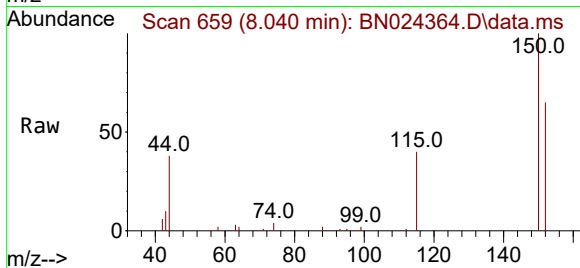
Quant Time: Mar 18 03:01:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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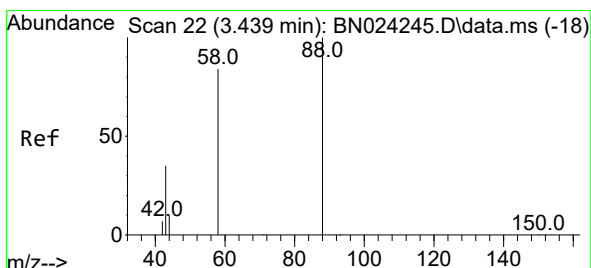
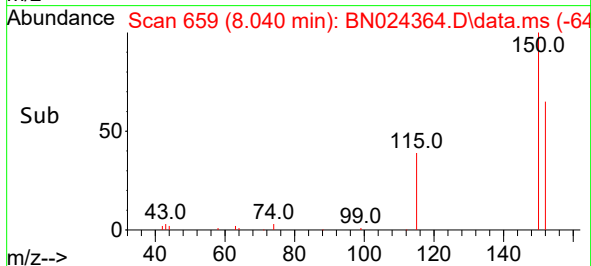
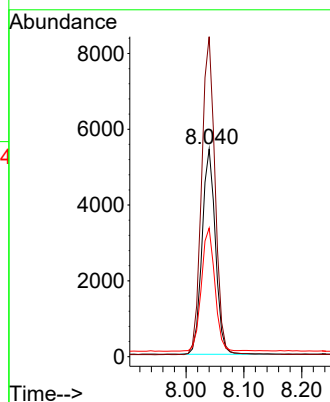


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024364.D
 Acq: 18 Mar 2023 02:13

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20230308

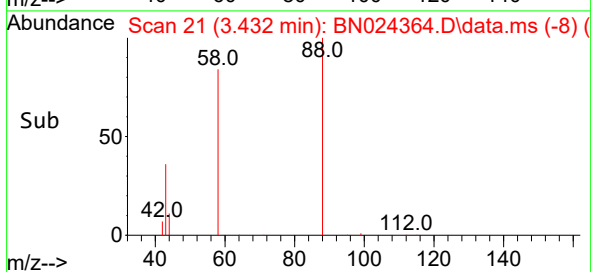
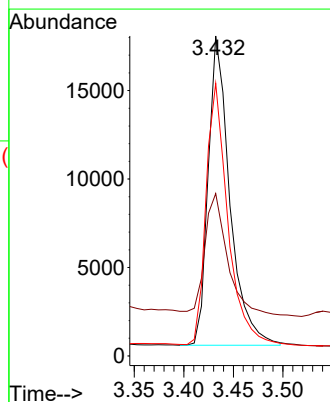
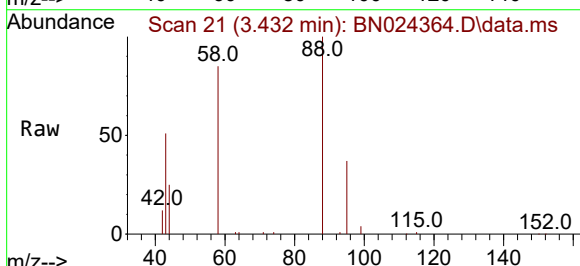


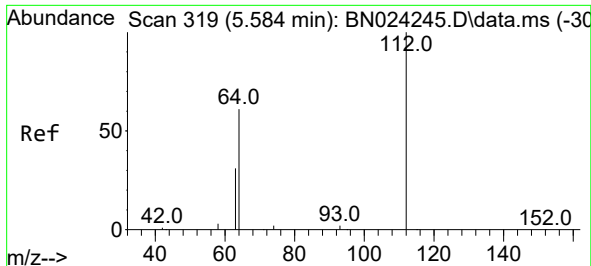
Tgt Ion:152 Resp: 8736
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.7 187.1
 115 62.0 49.1 73.7



#2
 1,4-Dioxane
 Concen: 2.793 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024364.D
 Acq: 18 Mar 2023 02:13

Tgt Ion: 88 Resp: 26547
 Ion Ratio Lower Upper
 88 100
 43 40.7 29.0 43.4
 58 84.4 67.3 100.9

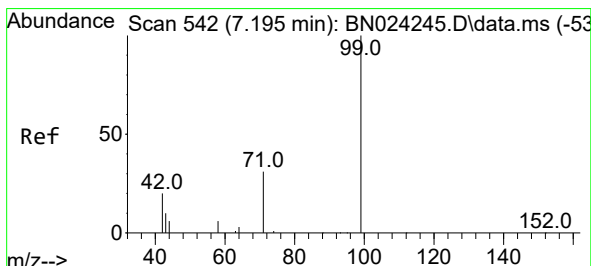
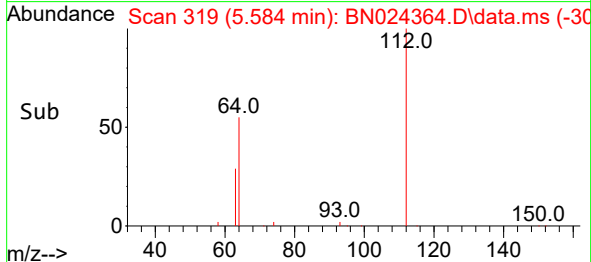
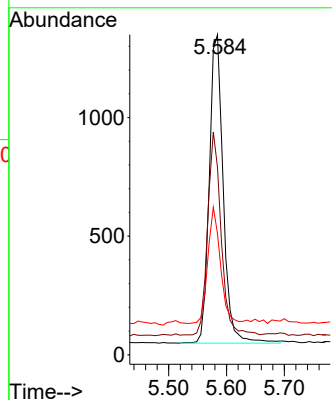
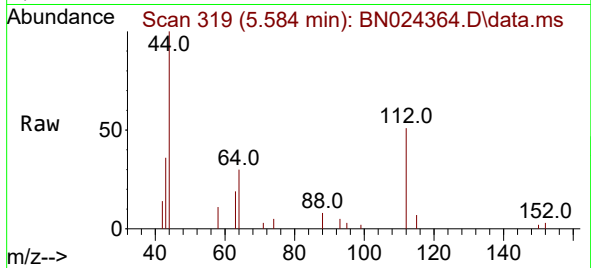




#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

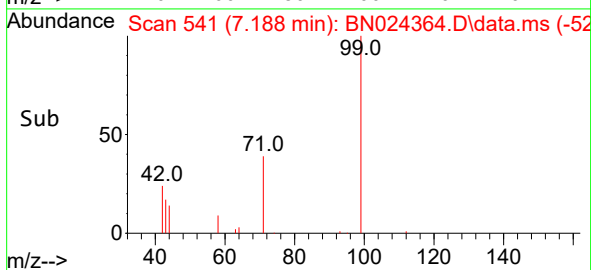
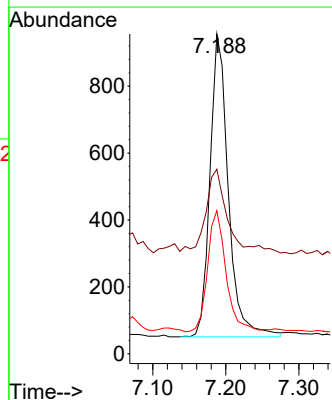
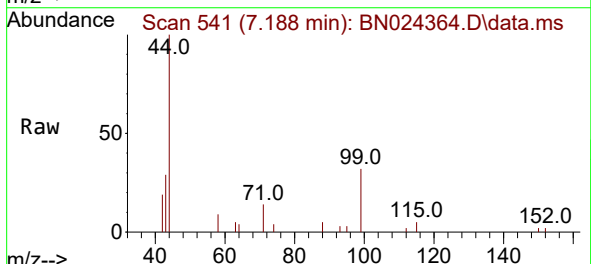
Instrument :
BNA_N
ClientSampleId :
RE122D1-20230308

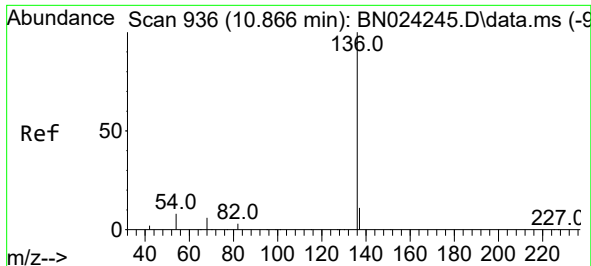
Tgt Ion:112 Resp: 2182
Ion Ratio Lower Upper
112 100
64 63.1 49.0 73.6
63 34.3 25.7 38.5



#5
Phenol-d6
Concen: 0.063 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Tgt Ion: 99 Resp: 1575
Ion Ratio Lower Upper
99 100
42 33.1 20.1 30.1#
71 40.4 25.8 38.8#

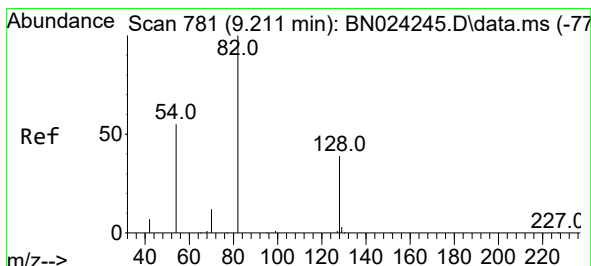
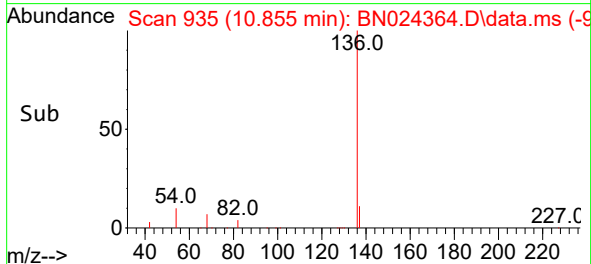
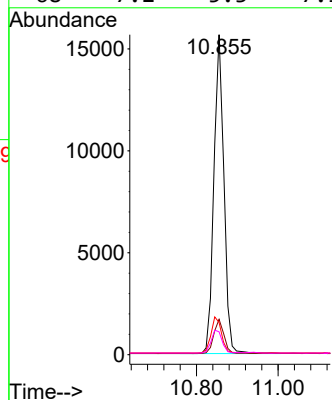
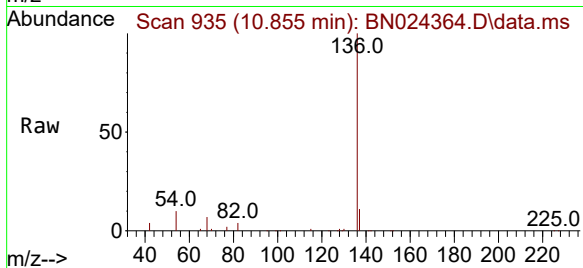




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

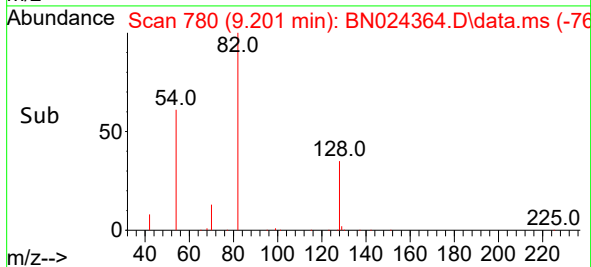
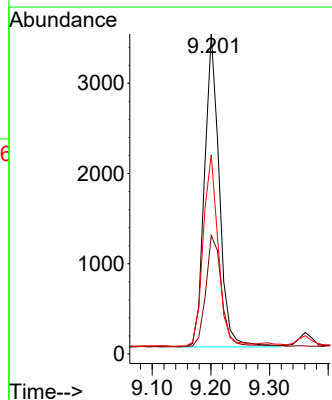
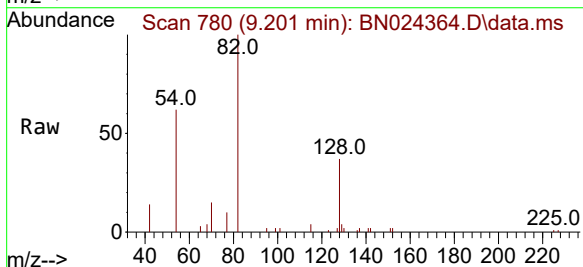
Instrument :
BNA_N
ClientSampleId :
RE122D1-20230308

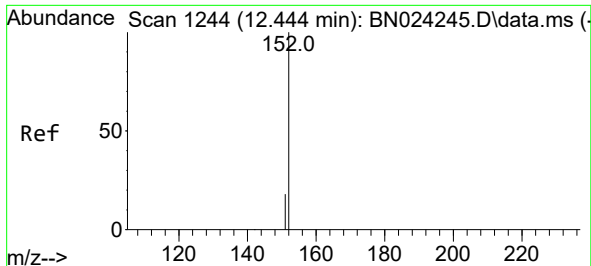
Tgt Ion:136	Resp:	26592
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	10.1	7.1 10.7
68	7.2	5.3 7.9



#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Tgt Ion: 82	Resp:	6085
Ion Ratio	Lower	Upper
82	100	
128	37.0	32.4 48.6
54	62.2	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: BN024364.D

Acq: 18 Mar 2023 02:13

Instrument :

BNA_N

ClientSampleId :

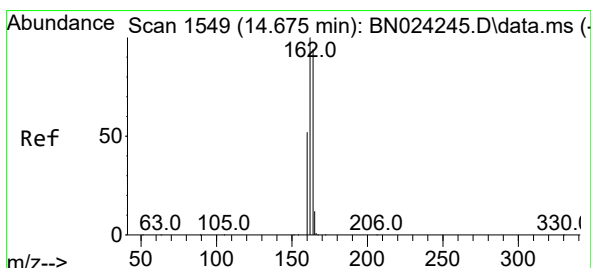
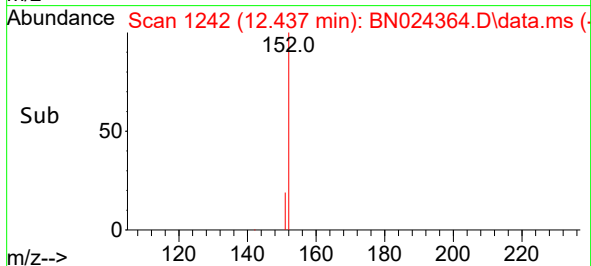
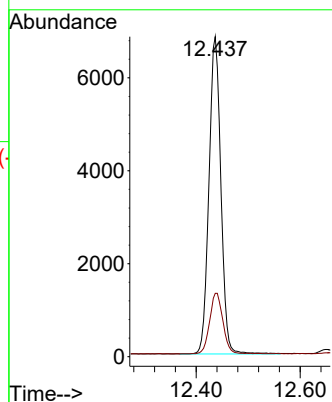
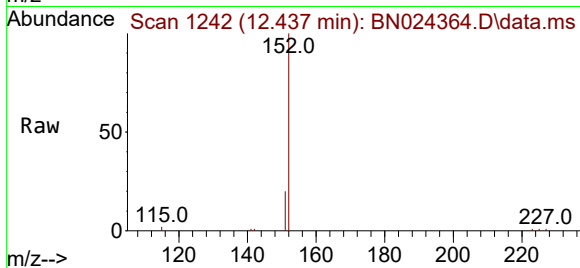
RE122D1-20230308

Tgt Ion:152 Resp: 10844

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.672 min Scan# 1548

Delta R.T. -0.004 min

Lab File: BN024364.D

Acq: 18 Mar 2023 02:13

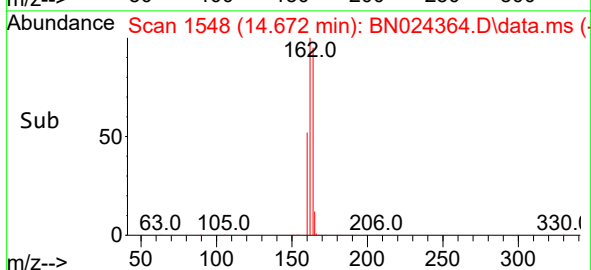
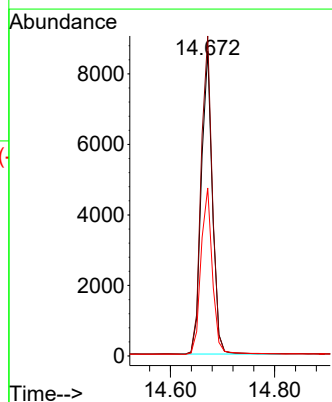
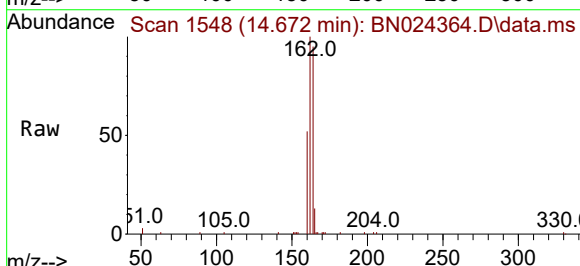
Tgt Ion:164 Resp: 12669

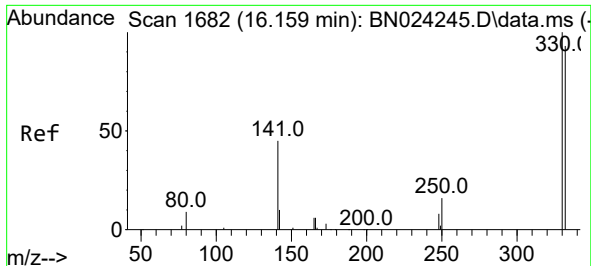
Ion Ratio Lower Upper

164 100

162 105.0 84.7 127.1

160 55.1 44.6 66.8





#14

2,4,6-Tribromophenol

Concen: 0.233 ng

RT: 16.155 min Scan# 1

Delta R.T. -0.004 min

Lab File: BN024364.D

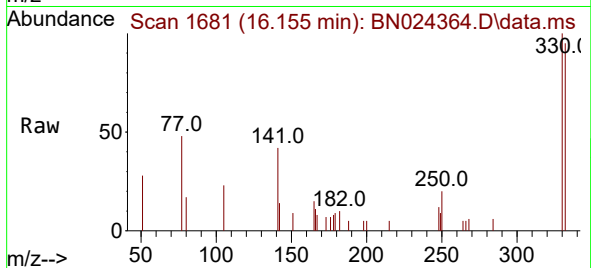
Acq: 18 Mar 2023 02:13

Instrument :

BNA_N

ClientSampleId :

RE122D1-20230308



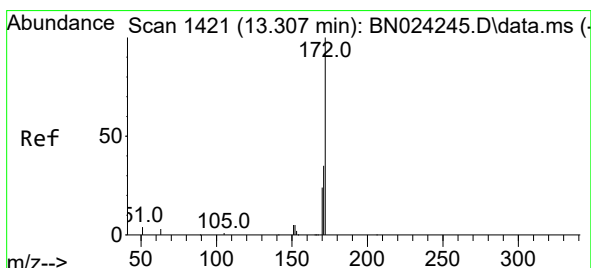
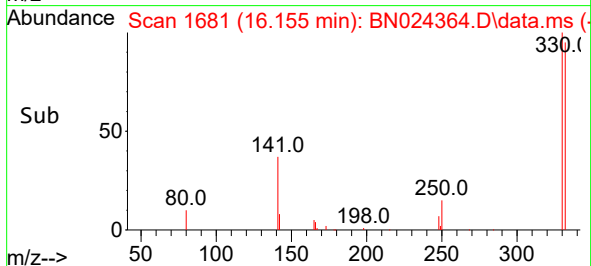
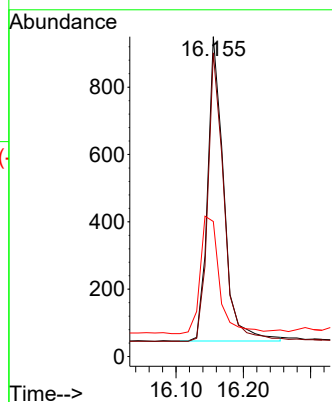
Tgt Ion:330 Resp: 1512

Ion Ratio Lower Upper

330 100

332 93.8 78.0 117.0

141 46.2 30.8 46.2



#15

2-Fluorobiphenyl

Concen: 0.380 ng

RT: 13.303 min Scan# 1420

Delta R.T. -0.004 min

Lab File: BN024364.D

Acq: 18 Mar 2023 02:13

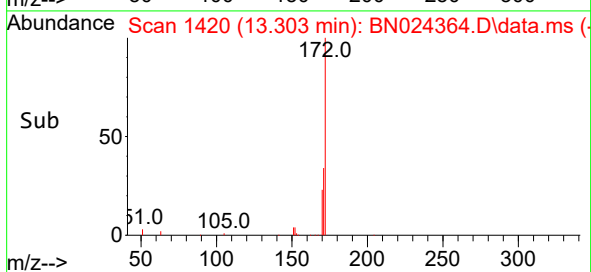
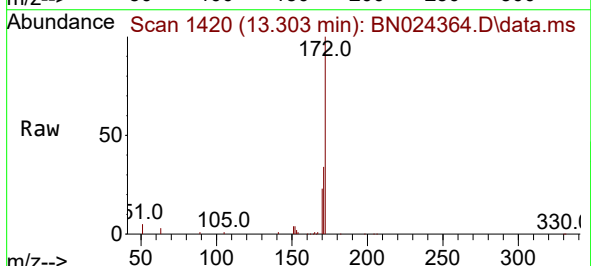
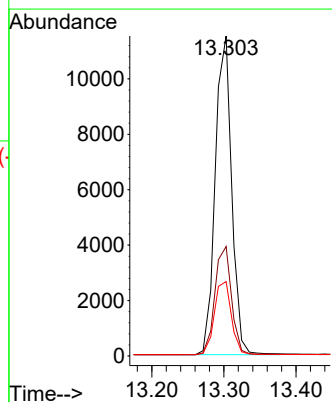
Tgt Ion:172 Resp: 18178

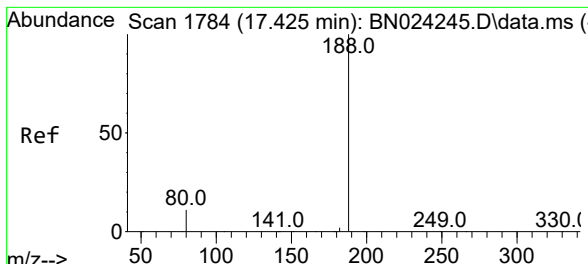
Ion Ratio Lower Upper

172 100

171 34.2 27.8 41.8

170 23.2 19.0 28.6

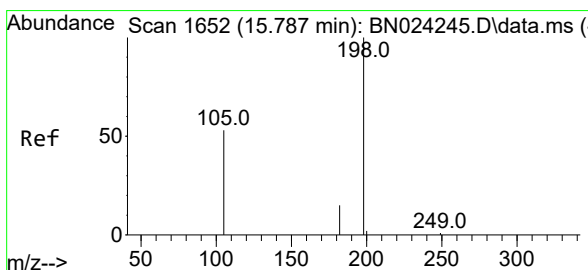
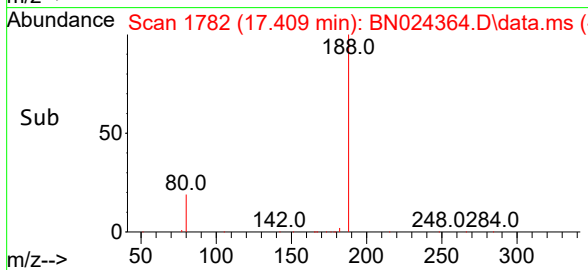
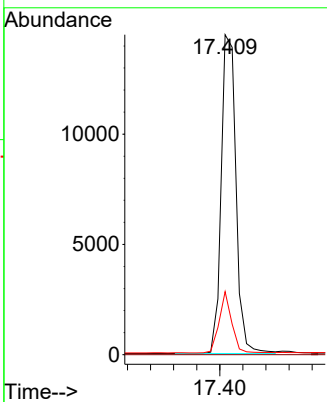
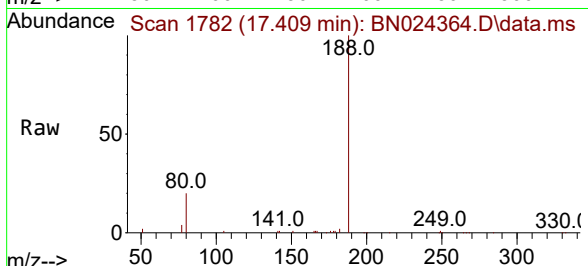




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.409 min Scan# 11
 Delta R.T. -0.004 min
 Lab File: BN024364.D
 Acq: 18 Mar 2023 02:13

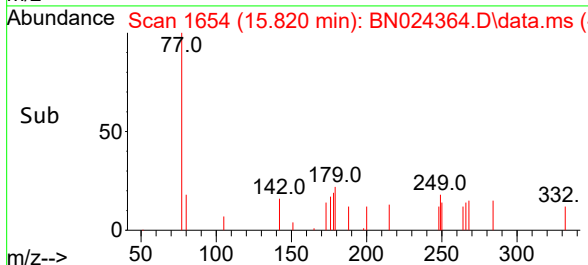
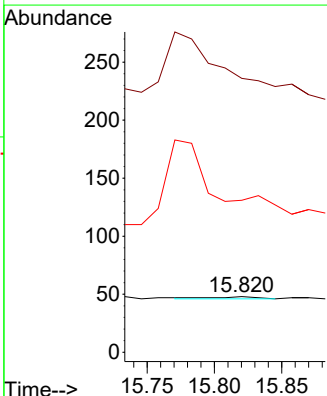
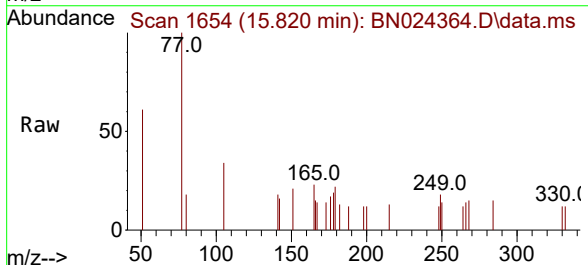
Instrument :
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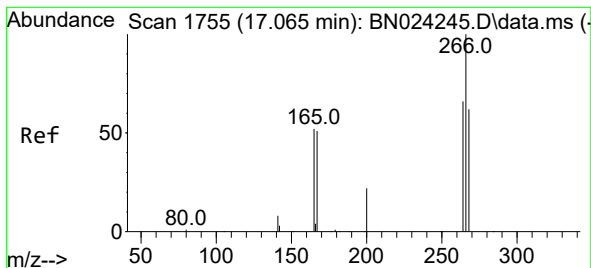
Tgt Ion:	188	Resp:	25800
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	19.7	8.9	13.3#



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.179 ng
 RT: 15.820 min Scan# 1654
 Delta R.T. 0.034 min
 Lab File: BN024364.D
 Acq: 18 Mar 2023 02:13

Tgt Ion:	198	Resp:	4
Ion Ratio	Lower	Upper	
198	100		
51	491.7	68.2	102.2#
105	272.9	51.6	77.4#





#24

Pentachlorophenol

Concen: 0.132 ng

RT: 17.074 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN024364.D

Acq: 18 Mar 2023 02:13

Instrument :

BNA_N

ClientSampleId :

RE122D1-20230308

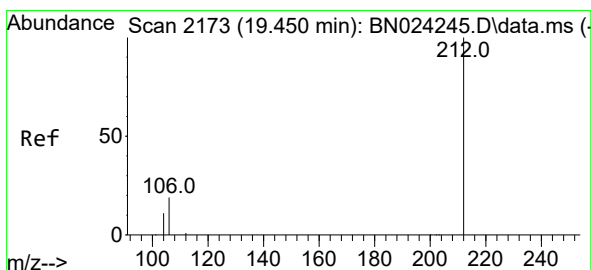
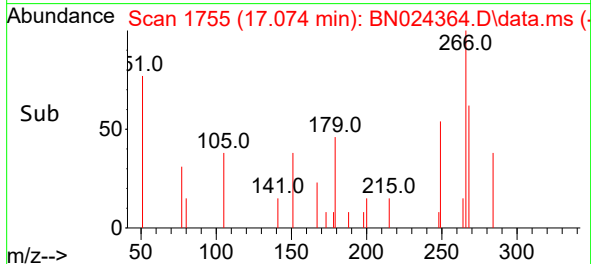
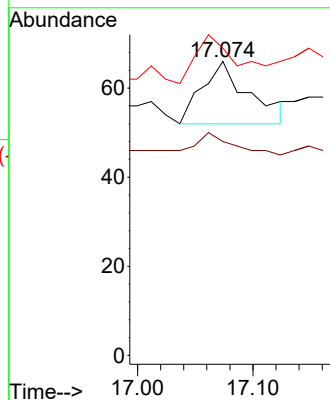
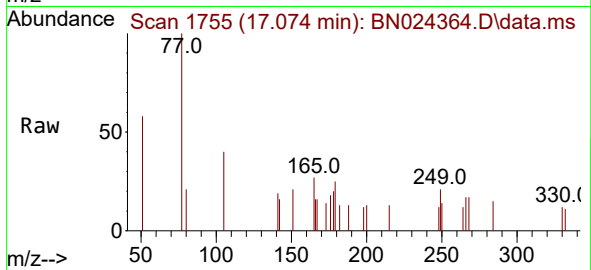
Tgt Ion:266 Resp: 39

Ion Ratio Lower Upper

266 100

264 28.2 51.1 76.7#

268 71.8 52.2 78.4



#27

Fluoranthene-d10

Concen: 0.393 ng

RT: 19.442 min Scan# 2169

Delta R.T. -0.004 min

Lab File: BN024364.D

Acq: 18 Mar 2023 02:13

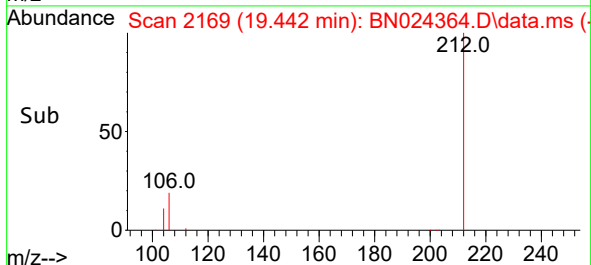
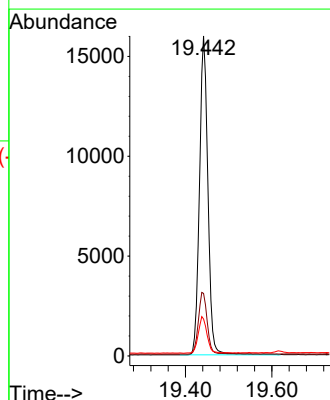
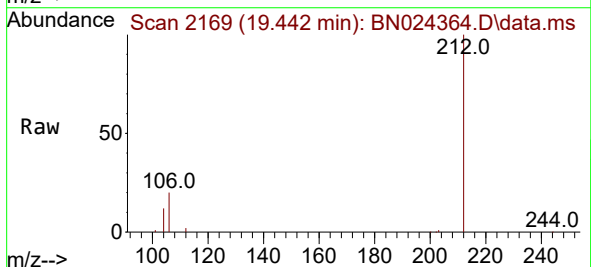
Tgt Ion:212 Resp: 21518

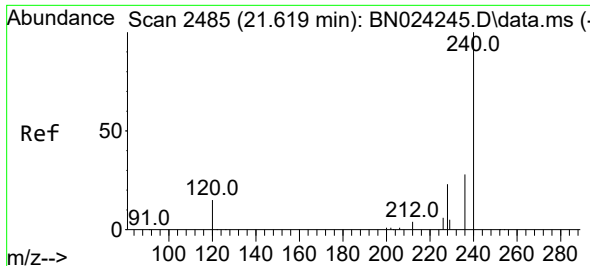
Ion Ratio Lower Upper

212 100

106 20.2 15.4 23.2

104 11.8 8.6 13.0

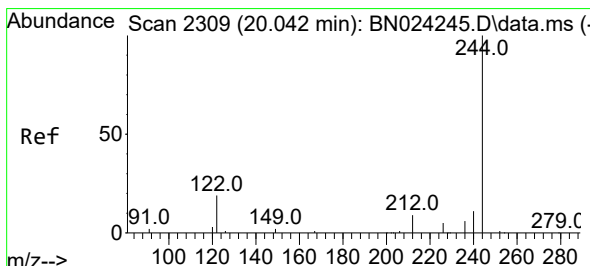
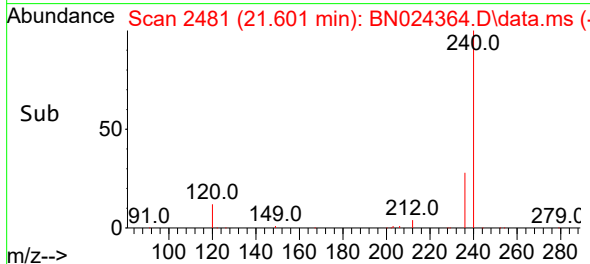
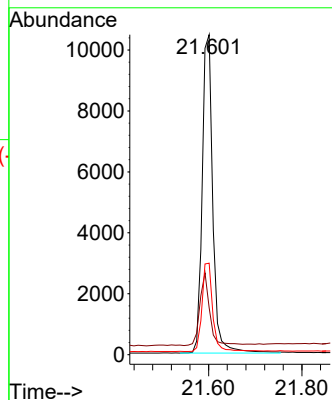
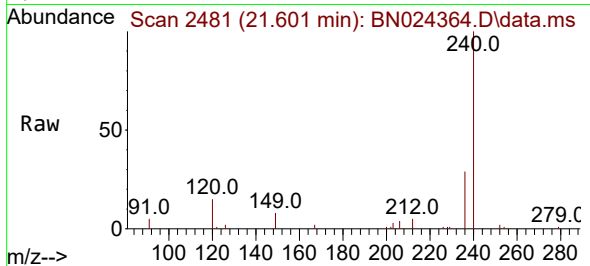




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2485
Delta R.T. 0.000 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

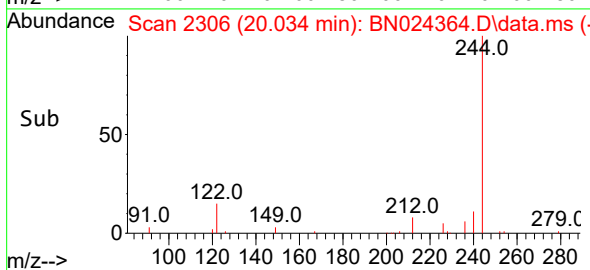
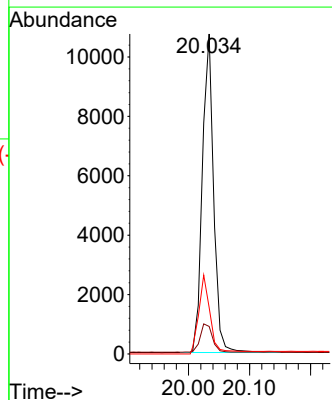
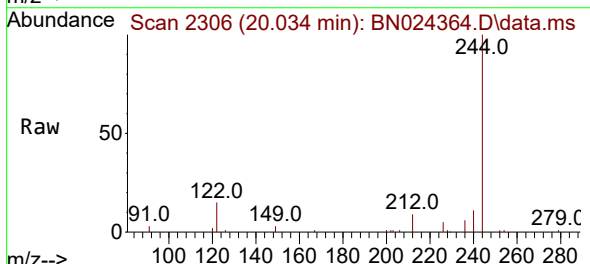
Instrument :
BNA_N
ClientSampleId :
RE122D1-20230308

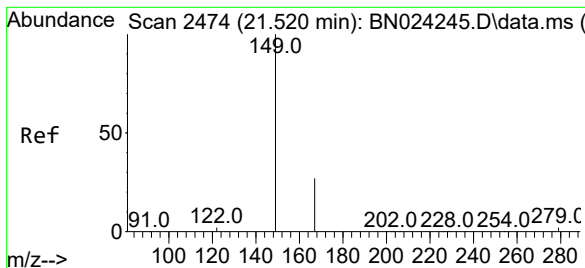
Tgt Ion:240 Resp: 16580
Ion Ratio Lower Upper
240 100
120 14.6 12.8 19.2
236 28.6 22.5 33.7



#31
Terphenyl-d14
Concen: 0.433 ng
RT: 20.034 min Scan# 2306
Delta R.T. 0.000 min
Lab File: BN024364.D
Acq: 18 Mar 2023 02:13

Tgt Ion:244 Resp: 12101
Ion Ratio Lower Upper
244 100
212 8.6 7.6 11.4
122 14.5 15.1 22.7#

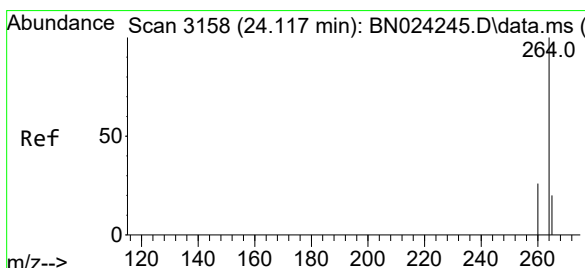
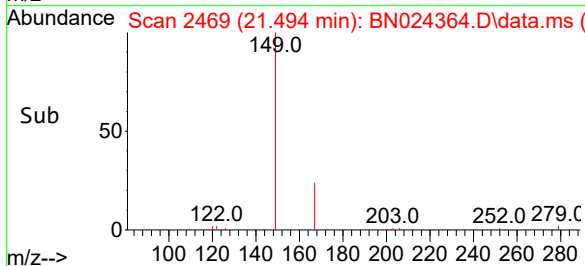
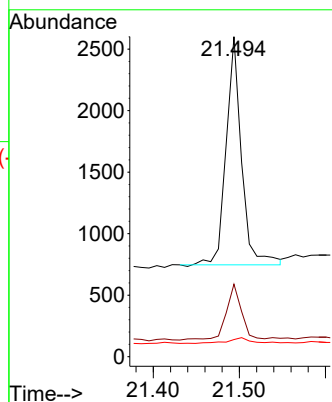
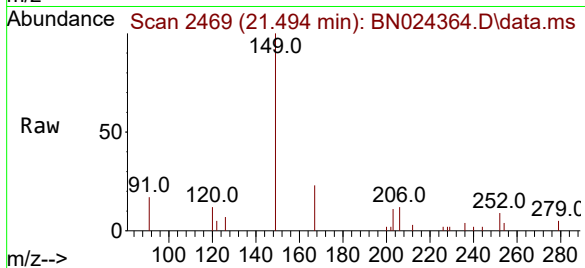




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 21.494 min Scan# 2469
 Delta R.T. -0.009 min
 Lab File: BN024364.D
 Acq: 18 Mar 2023 02:13

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20230308

Tgt Ion:149 Resp: 2289
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.2 31.8
 279 4.1 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.085 min Scan# 3145
 Delta R.T. -0.029 min
 Lab File: BN024364.D
 Acq: 18 Mar 2023 02:13

Tgt Ion:264 Resp: 12400
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.4 32.2
 265 63.0 35.7 53.5#

