

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024390.D
 Acq On : 18 Mar 2023 21:41
 Operator : CG/JU
 Sample : 01879-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20230308

Quant Time: Mar 20 01:12:06 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)

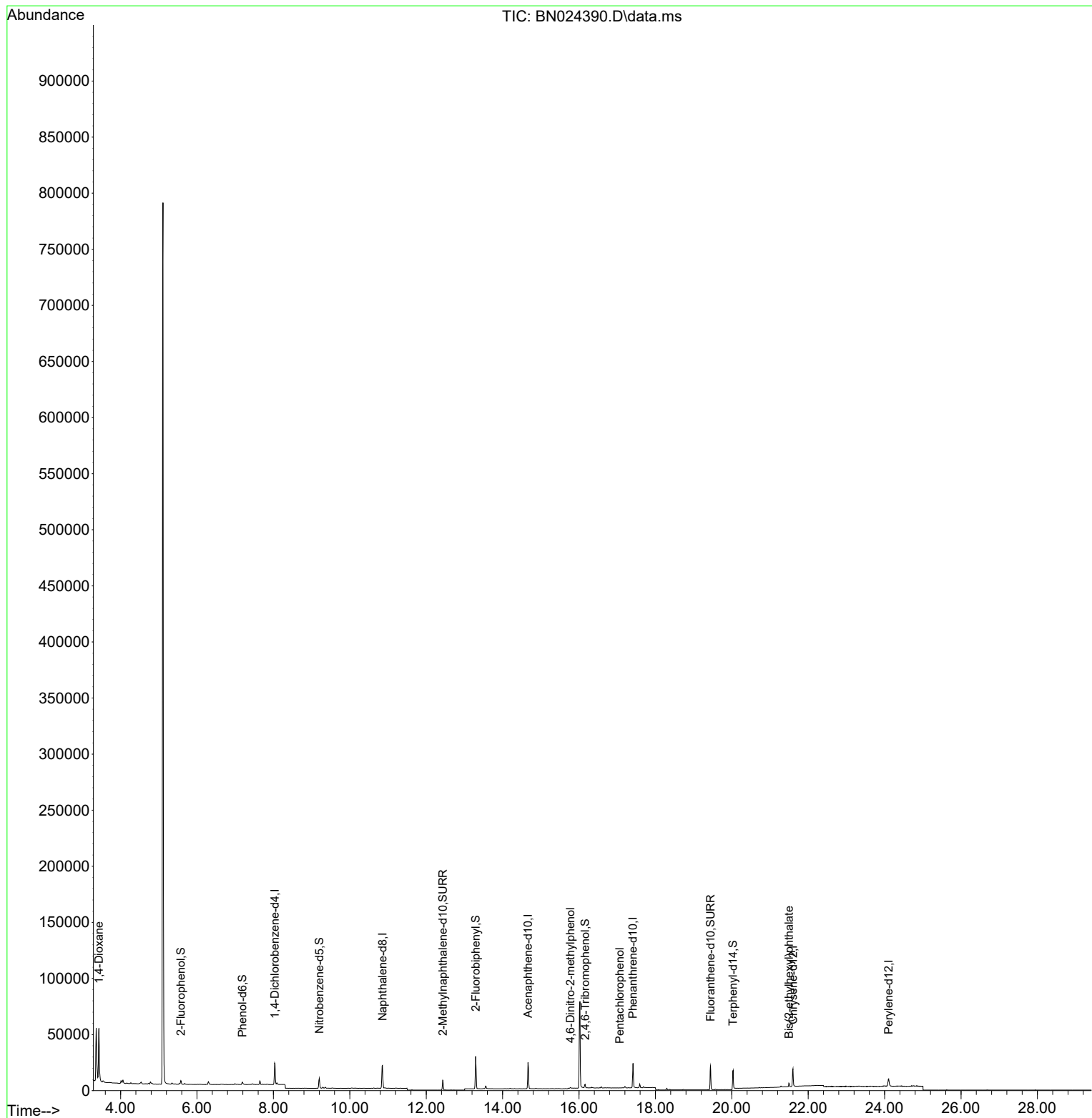
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	9222	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	27818	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	13190	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	27255	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	15740	0.400	ng	0.00
35) Perylene-d12	24.103	264	11045	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	2595	0.127	ng	0.00
5) Phenol-d6	7.188	99	1942	0.074	ng	0.00
8) Nitrobenzene-d5	9.200	82	7272	0.391	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	11488	0.336	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1824	0.271	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	23626	0.474	ng	0.00
27) Fluoranthene-d10	19.442	212	22013	0.381	ng	0.00
31) Terphenyl-d14	20.033	244	13253	0.499	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	30211	3.011	ng	Qvalue 96
20) 4,6-Dinitro-2-methylph...	15.774	198	6	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	20	0.130	ng	93
34) Bis(2-ethylhexyl)phtha...	21.493	149	3237	0.131	ng	92

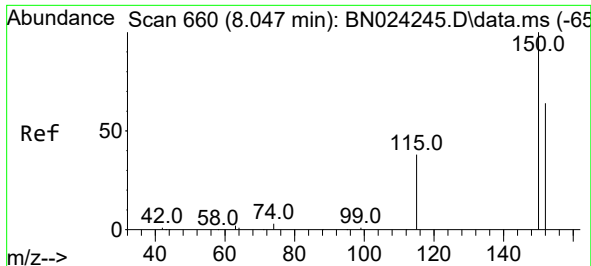
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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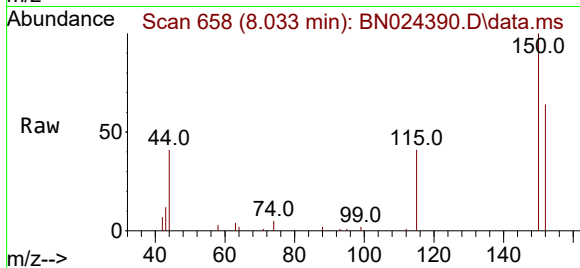
Quant Time: Mar 20 01:12:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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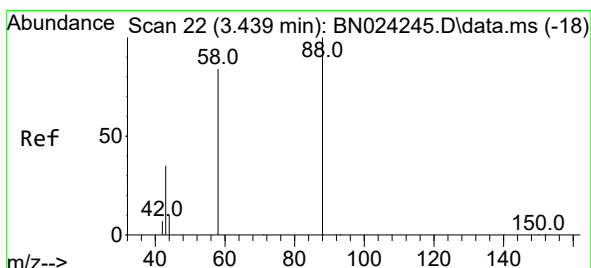
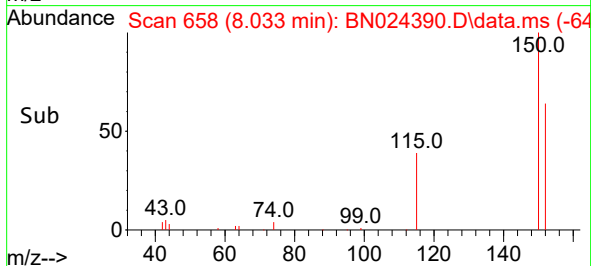
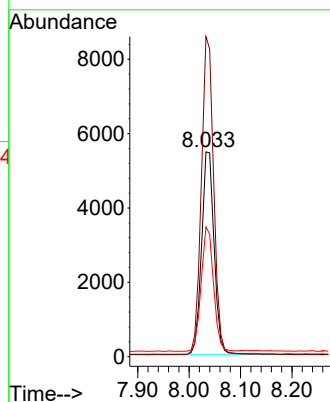


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.033 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN024390.D
Acq: 18 Mar 2023 21:41

Instrument :
BNA_N
ClientSampleId :
RE109D2-20230308

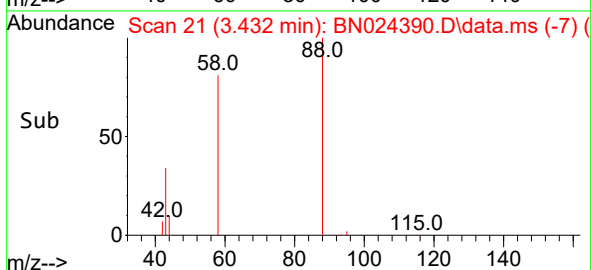
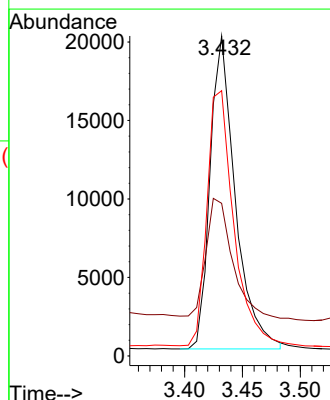
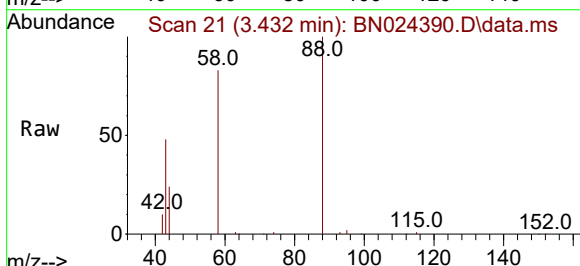


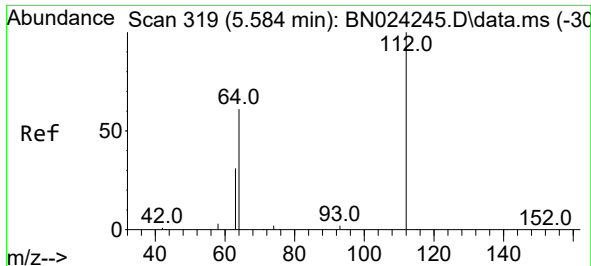
Tgt Ion:152 Resp: 9222
Ion Ratio Lower Upper
152 100
150 156.3 124.7 187.1
115 63.4 49.1 73.7



#2
1,4-Dioxane
Concen: 3.011 ng
RT: 3.432 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024390.D
Acq: 18 Mar 2023 21:41

Tgt Ion: 88 Resp: 30211
Ion Ratio Lower Upper
88 100
43 40.5 29.0 43.4
58 86.4 67.3 100.9

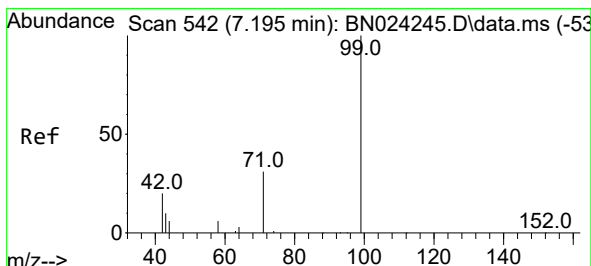
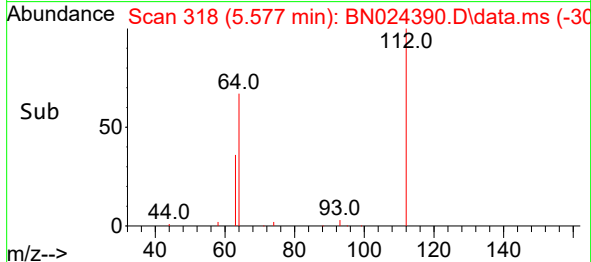
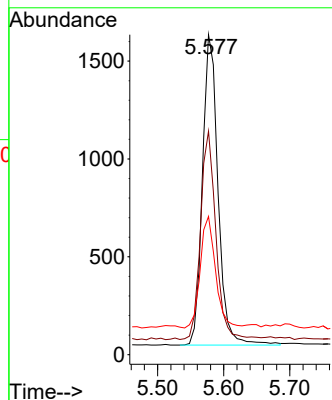
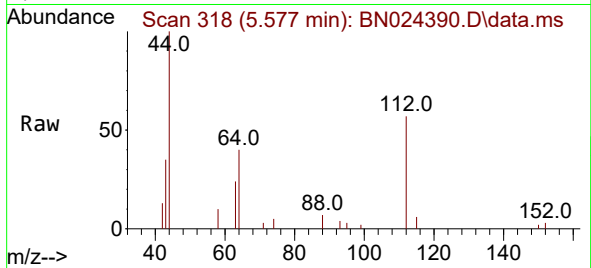




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.577 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024390.D
Acq: 18 Mar 2023 21:41

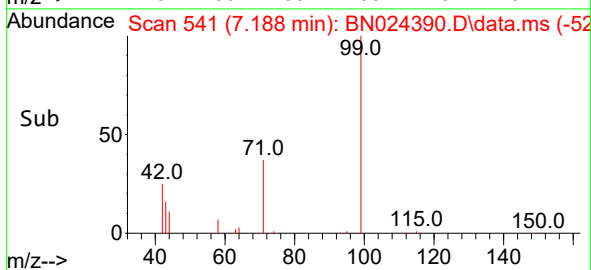
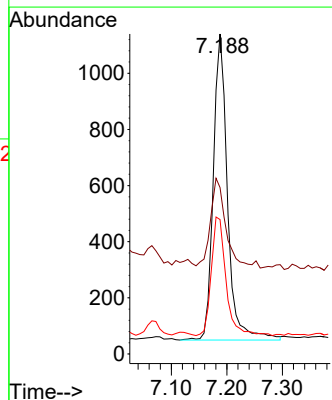
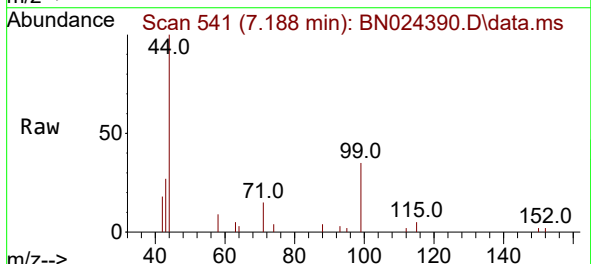
Instrument :
BNA_N
ClientSampleId :
RE109D2-20230308

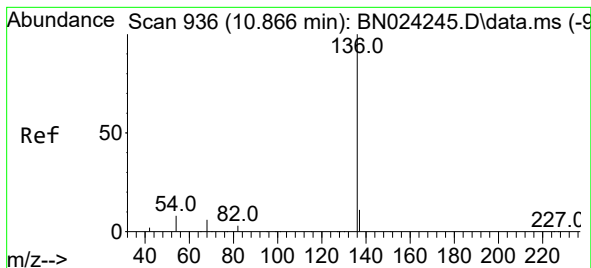
Tgt Ion:112 Resp: 2595
Ion Ratio Lower Upper
112 100
64 66.6 49.0 73.6
63 35.3 25.7 38.5



#5
Phenol-d6
Concen: 0.074 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024390.D
Acq: 18 Mar 2023 21:41

Tgt Ion: 99 Resp: 1942
Ion Ratio Lower Upper
99 100
42 32.4 20.1 30.1#
71 40.0 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: BN024390.D

Acq: 18 Mar 2023 21:41

Instrument :

BNA_N

ClientSampleId :

RE109D2-20230308

Tgt Ion:136 Resp: 27818

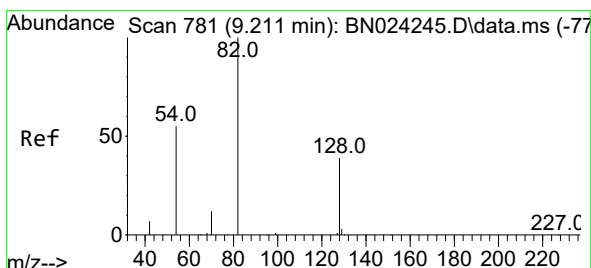
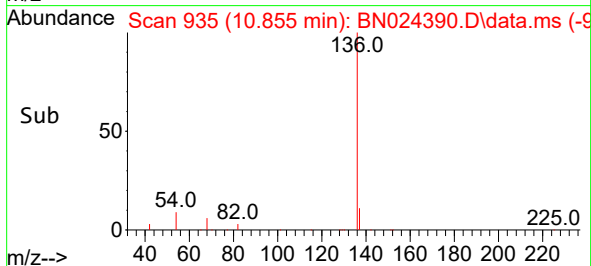
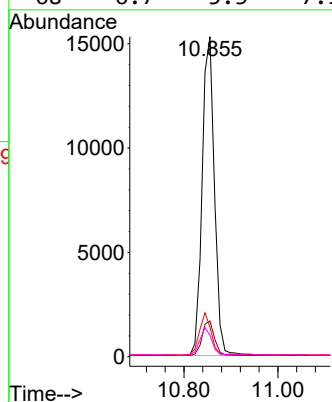
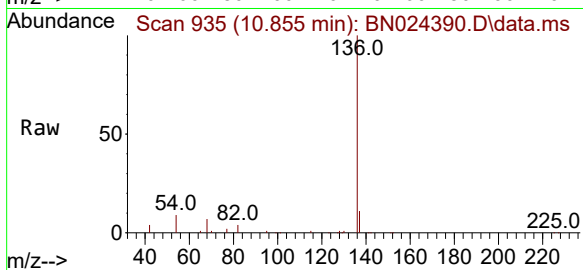
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.3 7.1 10.7

68 6.7 5.3 7.9



#8

Nitrobenzene-d5

Concen: 0.391 ng

RT: 9.200 min Scan# 780

Delta R.T. 0.000 min

Lab File: BN024390.D

Acq: 18 Mar 2023 21:41

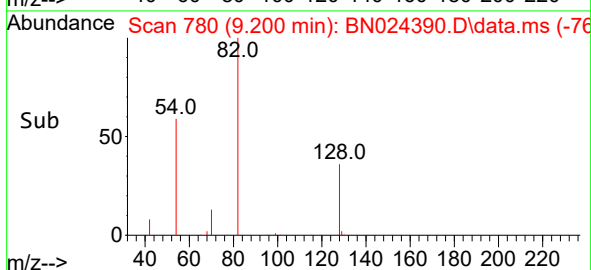
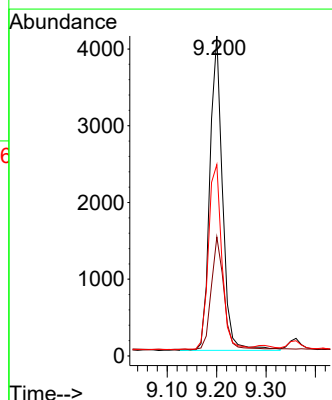
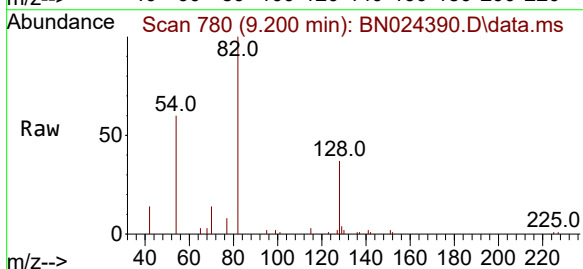
Tgt Ion: 82 Resp: 7272

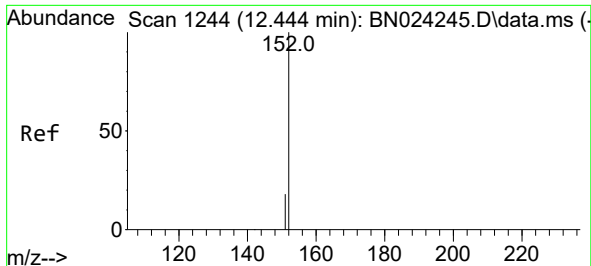
Ion Ratio Lower Upper

82 100

128 37.2 32.4 48.6

54 59.8 45.2 67.8

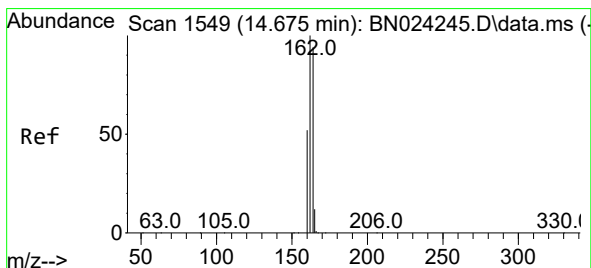
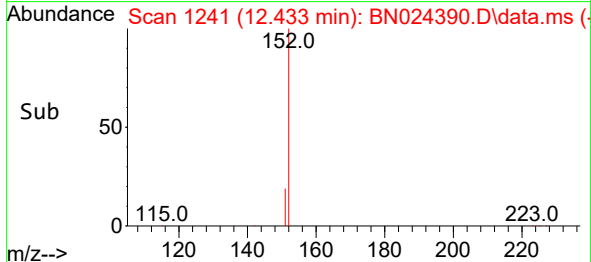
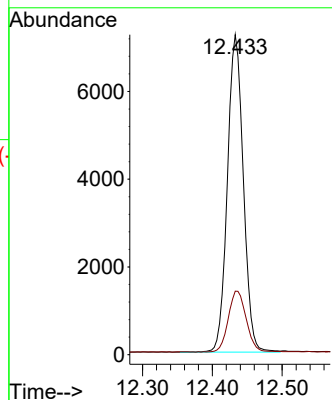
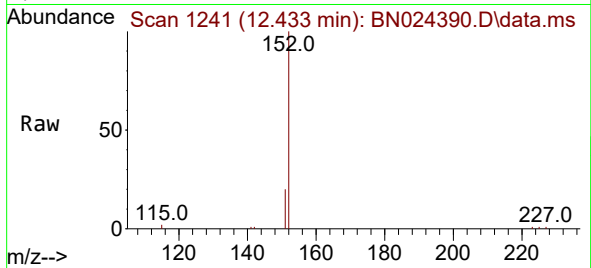




#11
2-Methylnaphthalene-d10
Concen: 0.336 ng
RT: 12.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024390.D
Acq: 18 Mar 2023 21:41

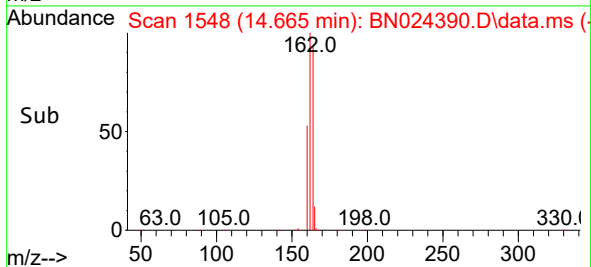
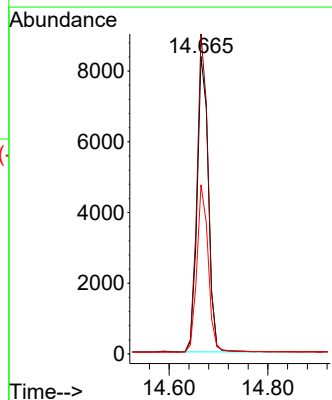
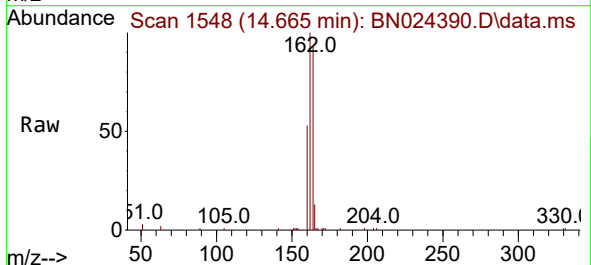
Instrument :
BNA_N
ClientSampleId :
RE109D2-20230308

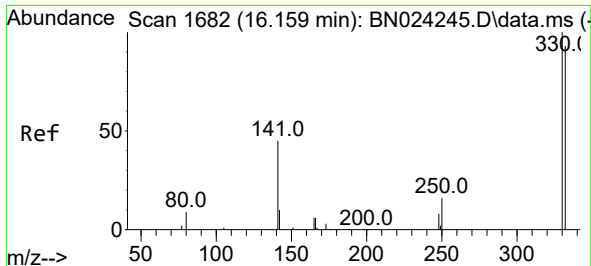
Tgt Ion:152 Resp: 11488
Ion Ratio Lower Upper
152 100
151 21.7 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN024390.D
Acq: 18 Mar 2023 21:41

Tgt Ion:164 Resp: 13190
Ion Ratio Lower Upper
164 100
162 107.6 84.7 127.1
160 56.9 44.6 66.8

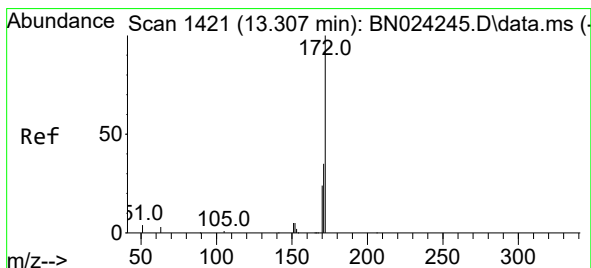
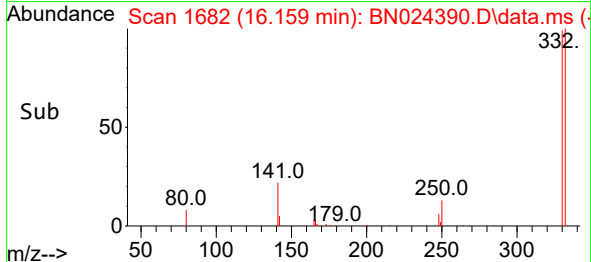
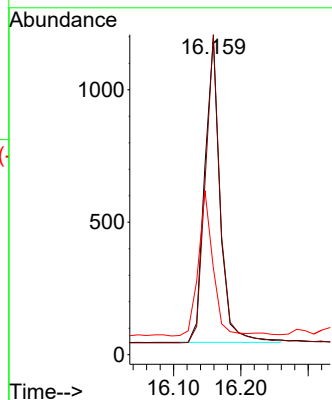
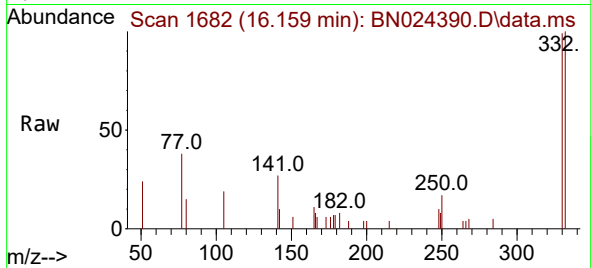




#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024390.D
Acq: 18 Mar 2023 21:41

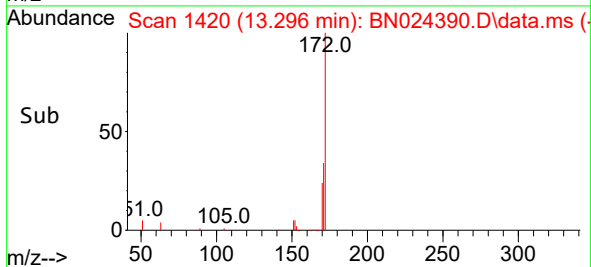
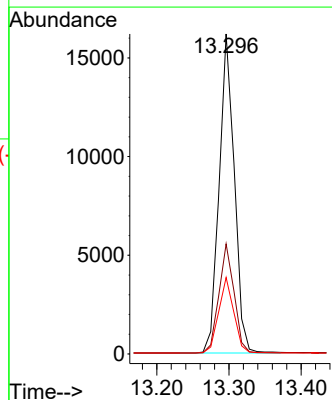
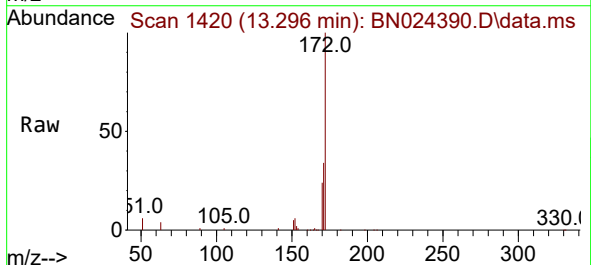
Instrument :
BNA_N
ClientSampleId :
RE109D2-20230308

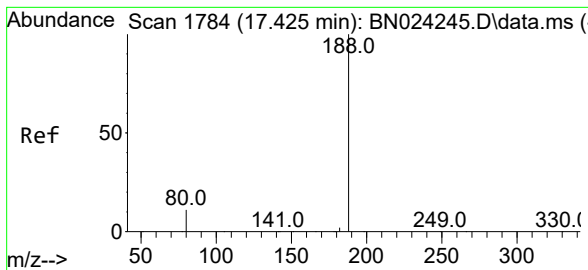
Tgt Ion: 330 Resp: 1824
Ion Ratio Lower Upper
330 100
332 98.6 78.0 117.0
141 46.9 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.474 ng
RT: 13.296 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN024390.D
Acq: 18 Mar 2023 21:41

Tgt Ion: 172 Resp: 23626
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 23.9 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: BN024390.D

Acq: 18 Mar 2023 21:41

Instrument :

BNA_N

ClientSampleId :

RE109D2-20230308

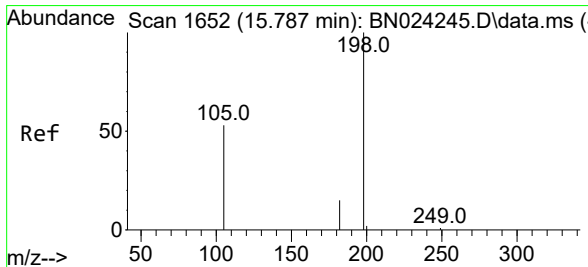
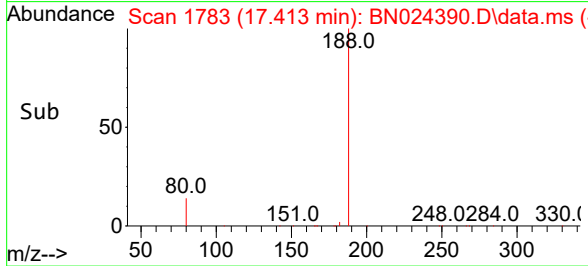
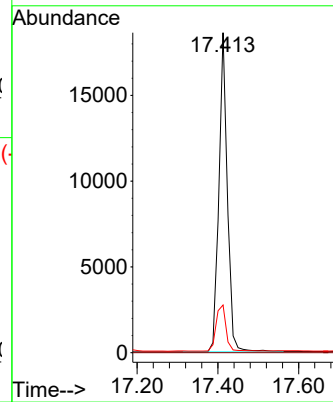
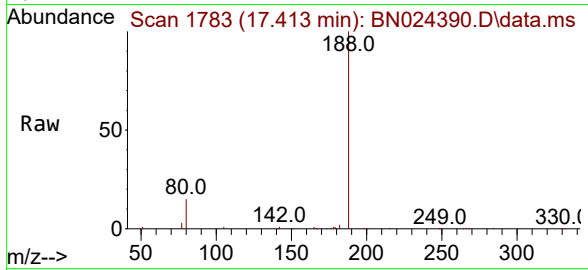
Tgt Ion:188 Resp: 27255

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.9 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.179 ng

RT: 15.774 min Scan# 1651

Delta R.T. -0.012 min

Lab File: BN024390.D

Acq: 18 Mar 2023 21:41

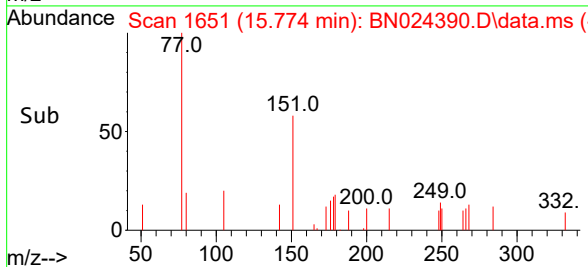
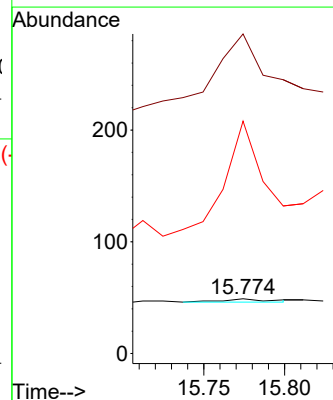
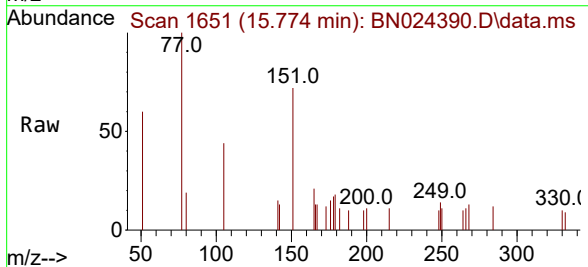
Tgt Ion:198 Resp: 6

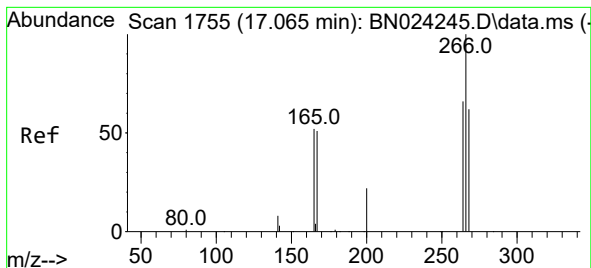
Ion Ratio Lower Upper

198 100

51 583.7 68.2 102.2#

105 424.5 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.130 ng

RT: 17.065 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024390.D

Acq: 18 Mar 2023 21:41

Instrument :

BNA_N

ClientSampleId :

RE109D2-20230308

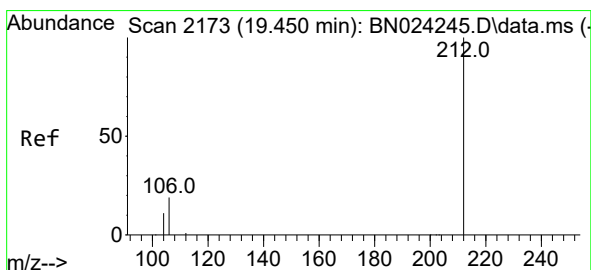
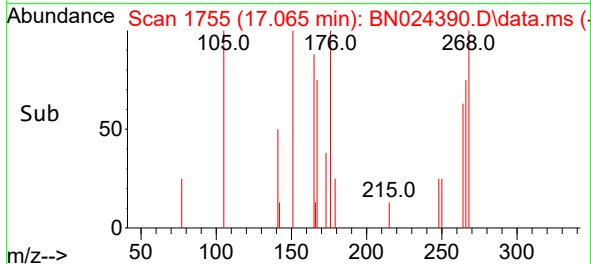
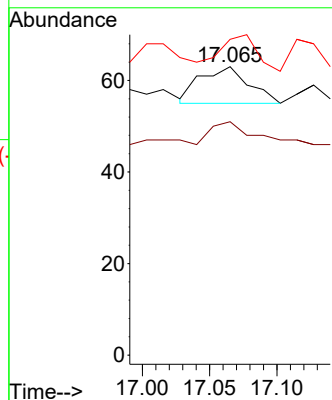
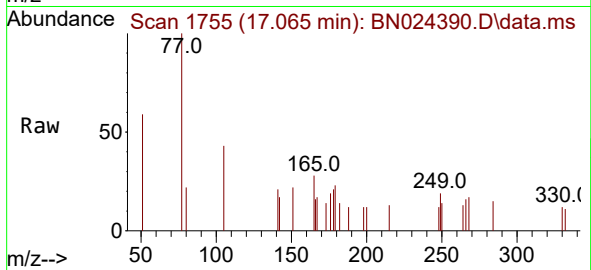
Tgt Ion:266 Resp: 20

Ion Ratio Lower Upper

266 100

264 65.0 51.1 76.7

268 75.0 52.2 78.4



#27

Fluoranthene-d10

Concen: 0.381 ng

RT: 19.442 min Scan# 2171

Delta R.T. 0.000 min

Lab File: BN024390.D

Acq: 18 Mar 2023 21:41

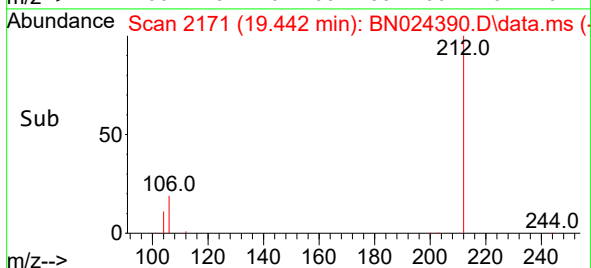
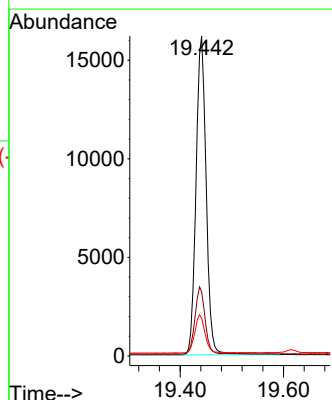
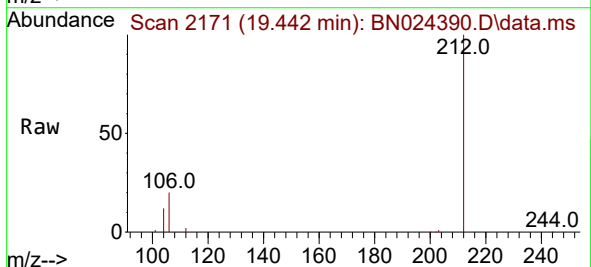
Tgt Ion:212 Resp: 22013

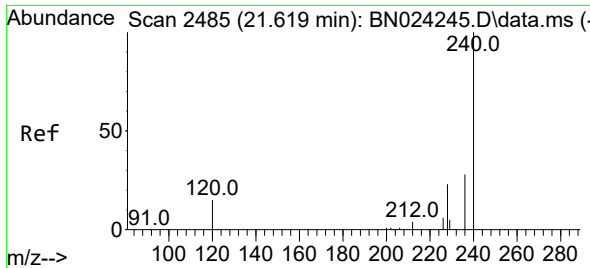
Ion Ratio Lower Upper

212 100

106 20.7 15.4 23.2

104 12.0 8.6 13.0

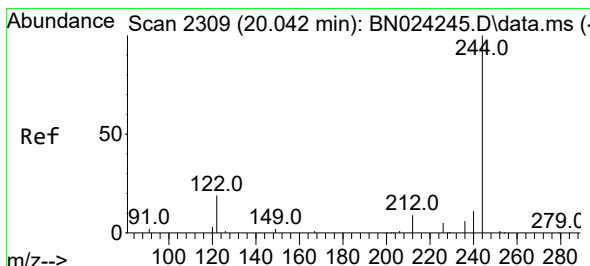
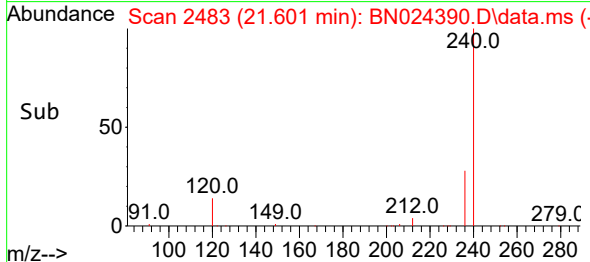
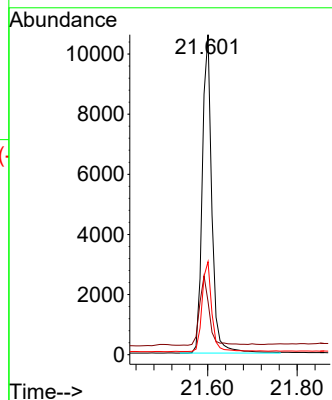
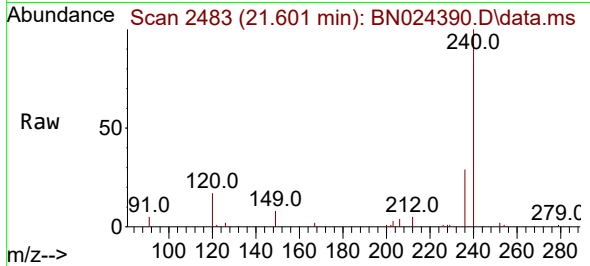




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN024390.D
Acq: 18 Mar 2023 21:41

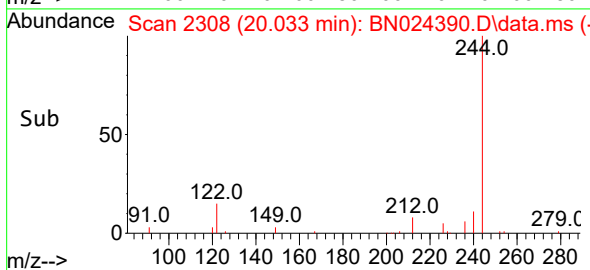
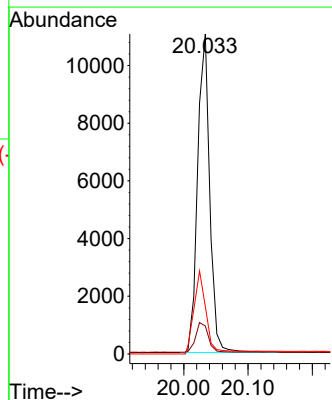
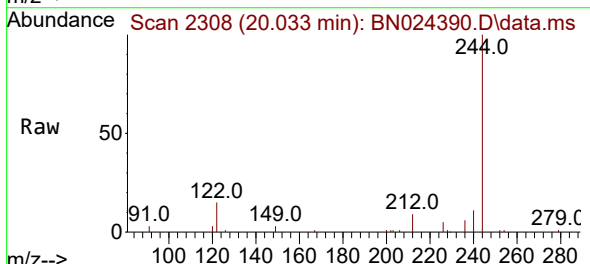
Instrument :
BNA_N
ClientSampleId :
RE109D2-20230308

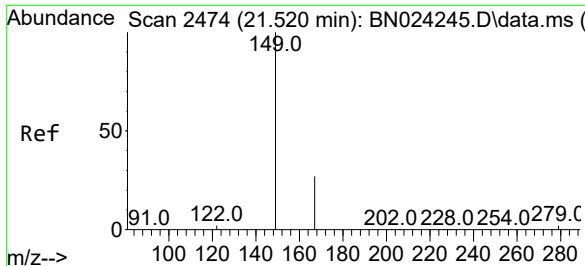
Tgt Ion:240 Resp: 15740
Ion Ratio Lower Upper
240 100
120 16.6 12.8 19.2
236 29.1 22.5 33.7



#31
Terphenyl-d14
Concen: 0.499 ng
RT: 20.033 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BN024390.D
Acq: 18 Mar 2023 21:41

Tgt Ion:244 Resp: 13253
Ion Ratio Lower Upper
244 100
212 8.8 7.6 11.4
122 14.9 15.1 22.7#

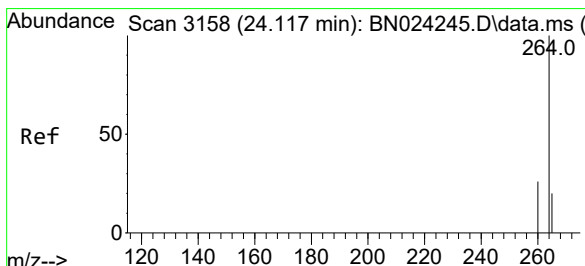
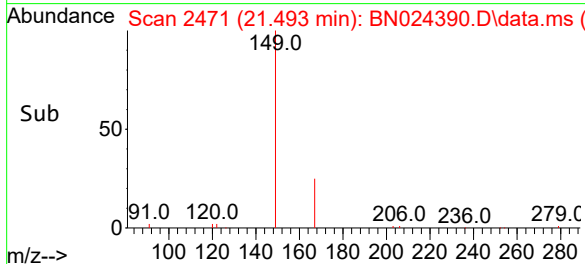
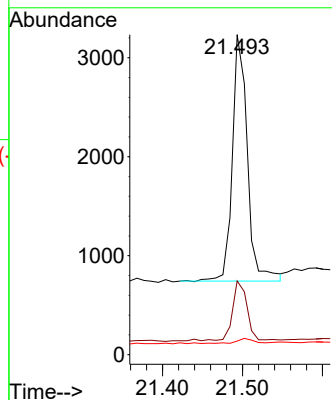
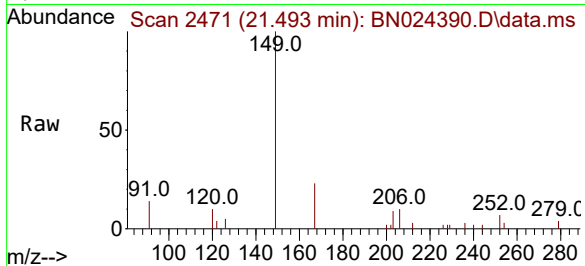




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.131 ng
 RT: 21.493 min Scan# 2471
 Delta R.T. -0.009 min
 Lab File: BN024390.D
 Acq: 18 Mar 2023 21:41

Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20230308

Tgt Ion:	149	Resp:	3237
Ion Ratio	Lower	Upper	
149	100		
167	22.3	21.2	31.8
279	2.0	1.8	2.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.103 min Scan# 3153
 Delta R.T. 0.006 min
 Lab File: BN024390.D
 Acq: 18 Mar 2023 21:41

Tgt Ion:	264	Resp:	11045
Ion Ratio	Lower	Upper	
264	100		
260	27.2	21.4	32.2
265	69.0	35.7	53.5

