

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032123\
 Data File : BN024458.D
 Acq On : 21 Mar 2023 22:32
 Operator : CG/JU
 Sample : 01880-11DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20230310DL

Quant Time: Mar 22 04:16:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 04:14:21 2023
 Response via : Initial Calibration

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

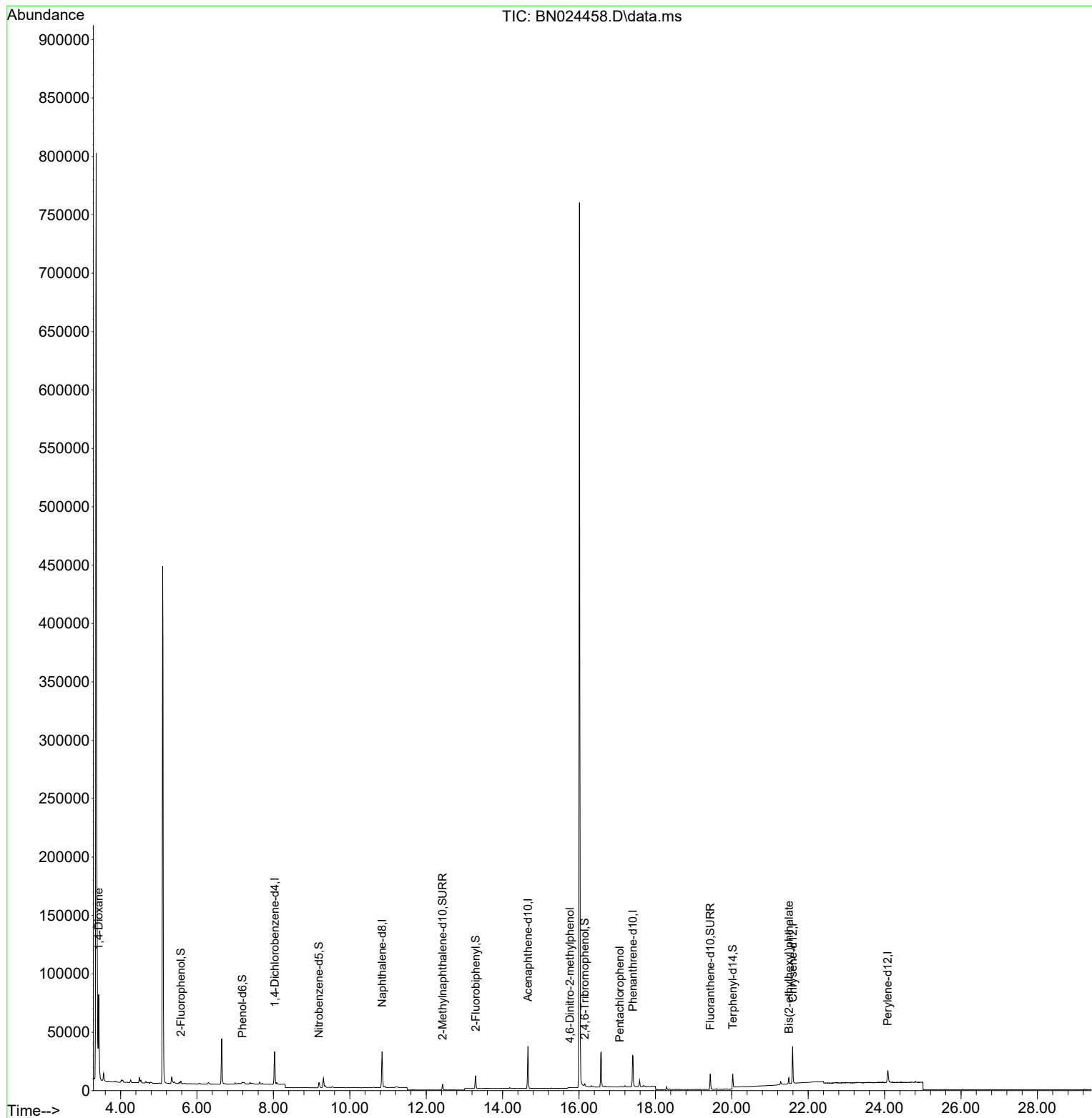
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	13499	0.400	ng	0.00
7) Naphthalene-d8	10.845	136	39325	0.400	ng	0.00
13) Acenaphthene-d10	14.664	164	19883	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	40796	0.400	ng	0.00
29) Chrysene-d12	21.592	240	28323	0.400	ng	0.00
35) Perylene-d12	24.082	264	15638	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	1752	0.059	ng	0.00
5) Phenol-d6	7.188	99	1277	0.033	ng	0.00
8) Nitrobenzene-d5	9.190	82	3884	0.148	ng	0.00
11) 2-Methylnaphthalene-d10	12.429	152	6757	0.140	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	1185	0.117	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	10054	0.134	ng	0.00
27) Fluoranthene-d10	19.437	212	14108	0.163	ng	0.00
31) Terphenyl-d14	20.024	244	7859	0.165	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.425	88	41468	2.823	ng	Qvalue 98
20) 4,6-Dinitro-2-methylph...	15.762	198	11	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	24	0.130	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.493	149	5190	0.117	ng	# 99

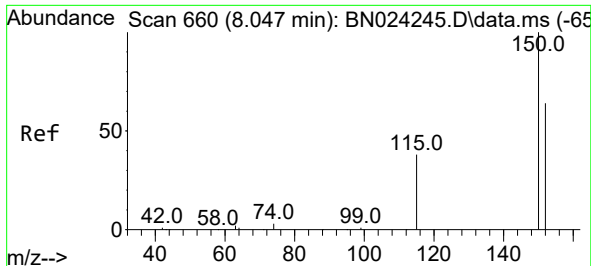
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 22 04:16:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
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QLast Update : Wed Mar 22 04:14:21 2023
Response via : Initial Calibration

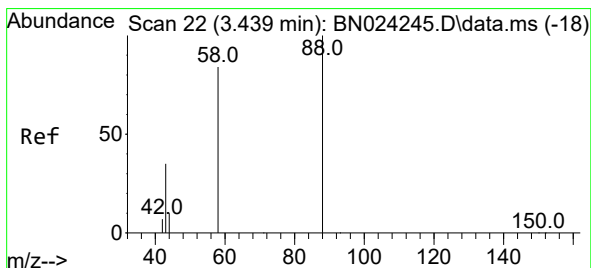
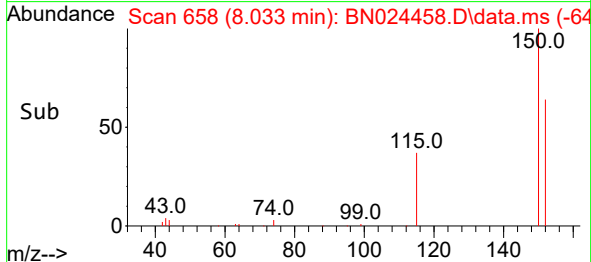
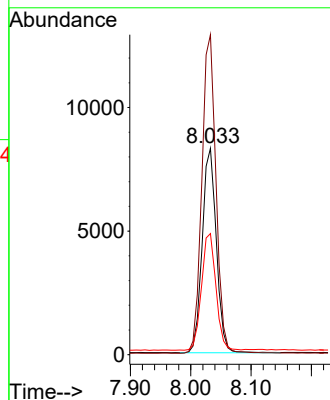
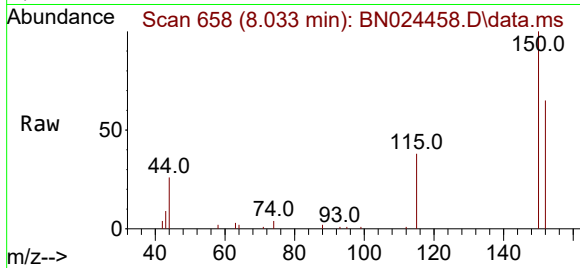




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.033 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN024458.D
 Acq: 21 Mar 2023 22:32

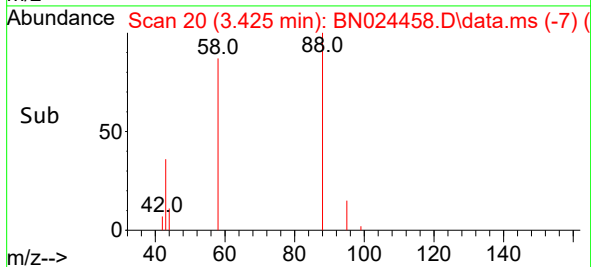
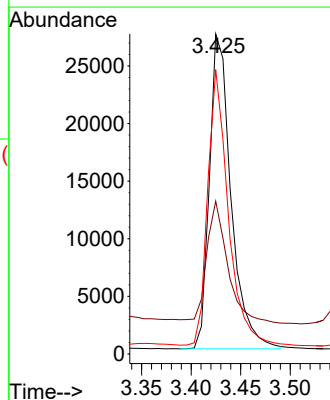
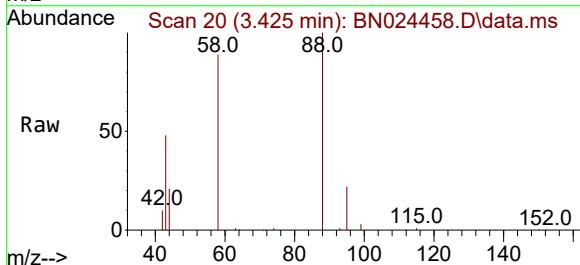
Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20230310DL

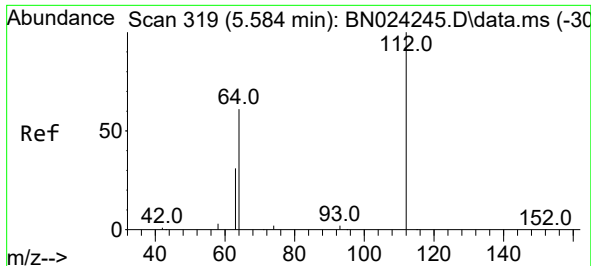
Tgt Ion:152 Resp: 13499
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.7 187.1
 115 58.6 49.1 73.7



#2
 1,4-Dioxane
 Concen: 2.823 ng
 RT: 3.425 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: BN024458.D
 Acq: 21 Mar 2023 22:32

Tgt Ion: 88 Resp: 41468
 Ion Ratio Lower Upper
 88 100
 43 37.7 29.0 43.4
 58 82.6 67.3 100.9

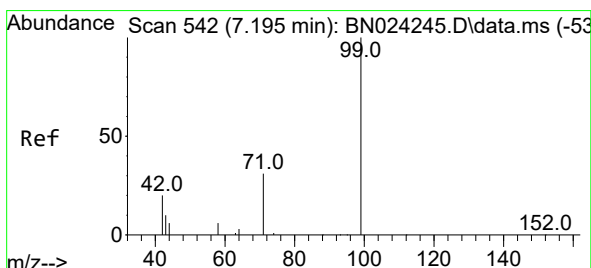
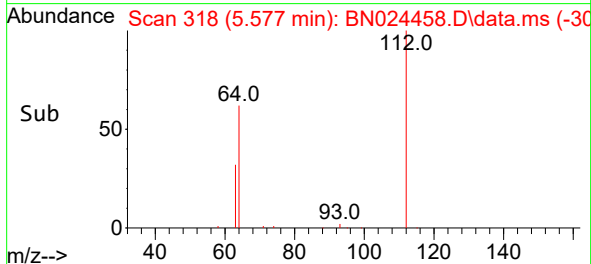
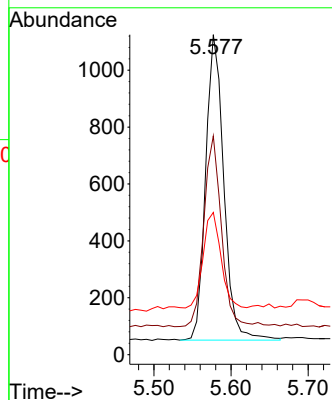
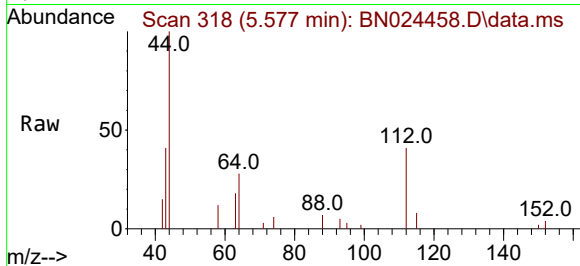




#4
2-Fluorophenol
Concen: 0.059 ng
RT: 5.577 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN024458.D
Acq: 21 Mar 2023 22:32

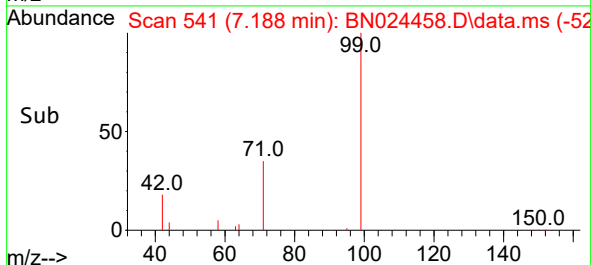
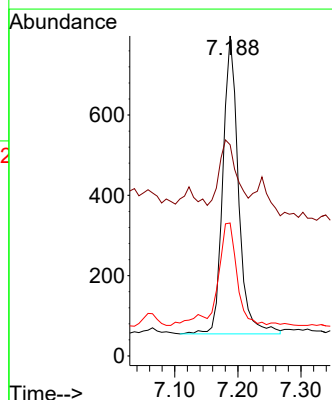
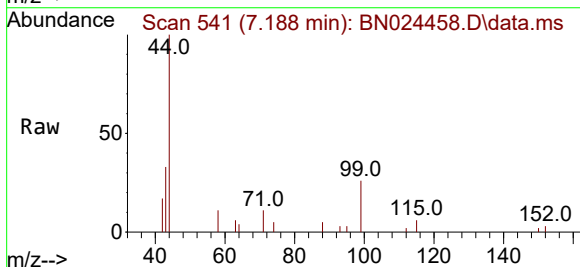
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230310DL

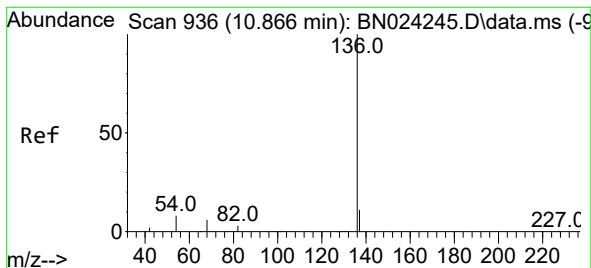
Tgt Ion:112 Resp: 1752
Ion Ratio Lower Upper
112 100
64 61.4 49.0 73.6
63 31.4 25.7 38.5



#5
Phenol-d6
Concen: 0.033 ng
RT: 7.188 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN024458.D
Acq: 21 Mar 2023 22:32

Tgt Ion: 99 Resp: 1277
Ion Ratio Lower Upper
99 100
42 27.3 20.1 30.1
71 37.6 25.8 38.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.845 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN024458.D

Acq: 21 Mar 2023 22:32

Instrument :

BNA_N

ClientSampleId :

RE120D1-20230310DL

Tgt Ion:136 Resp: 39325

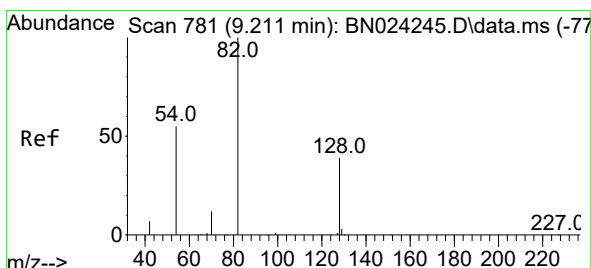
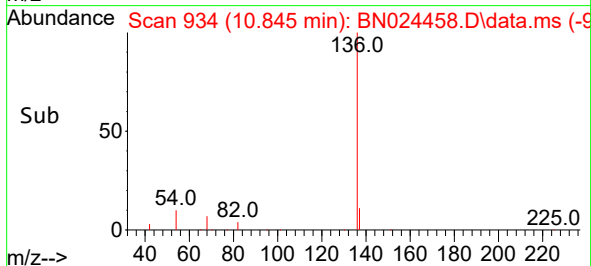
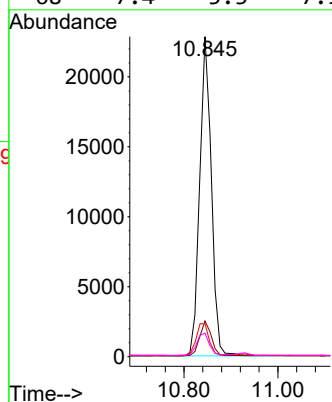
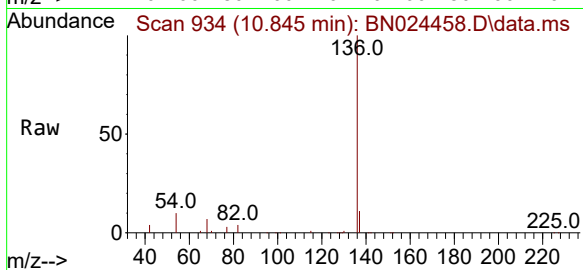
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.3 7.1 10.7

68 7.4 5.3 7.9



#8

Nitrobenzene-d5

Concen: 0.148 ng

RT: 9.190 min Scan# 779

Delta R.T. -0.000 min

Lab File: BN024458.D

Acq: 21 Mar 2023 22:32

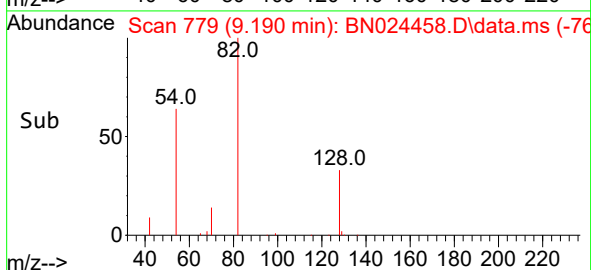
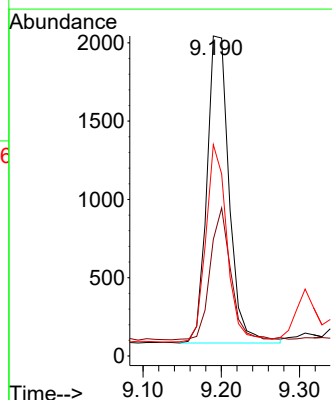
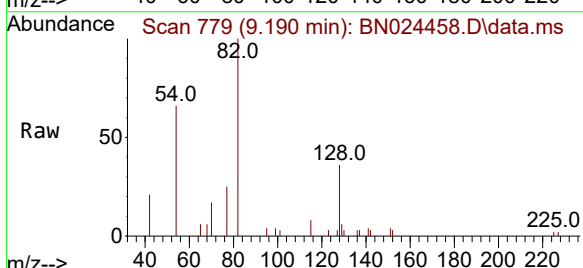
Tgt Ion: 82 Resp: 3884

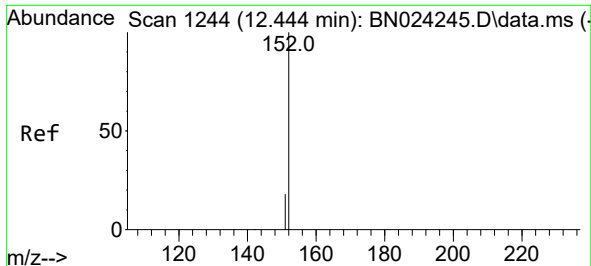
Ion Ratio Lower Upper

82 100

128 36.4 32.4 48.6

54 66.0 45.2 67.8





#11

2-Methylnaphthalene-d10

Concen: 0.140 ng

RT: 12.429 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN024458.D

Acq: 21 Mar 2023 22:32

Instrument :

BNA_N

ClientSampleId :

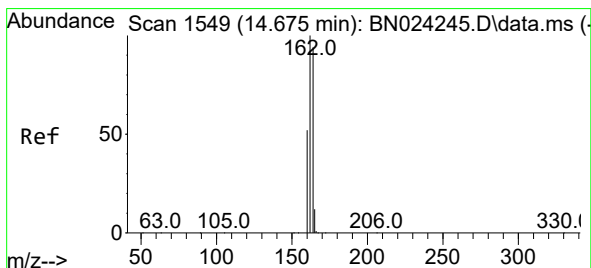
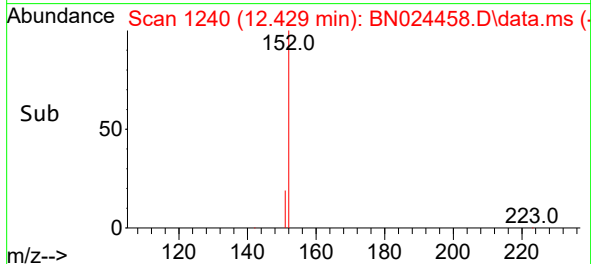
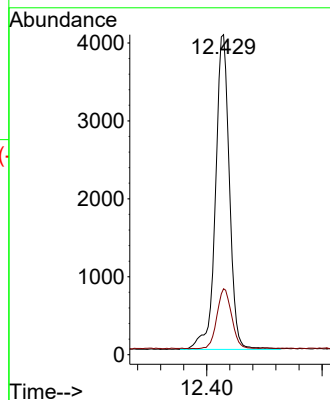
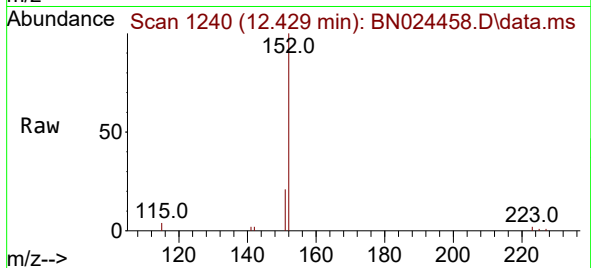
RE120D1-20230310DL

Tgt Ion:152 Resp: 6757

Ion Ratio Lower Upper

152 100

151 19.9 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.664 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BN024458.D

Acq: 21 Mar 2023 22:32

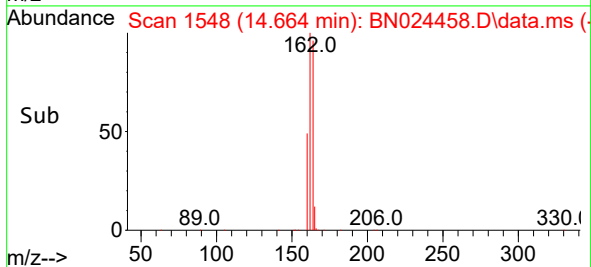
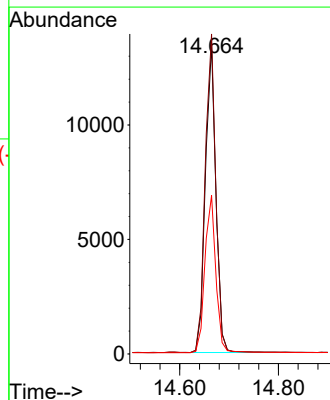
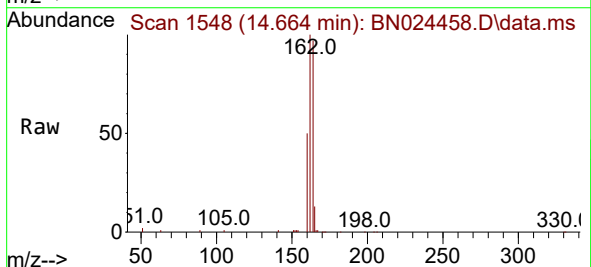
Tgt Ion:164 Resp: 19883

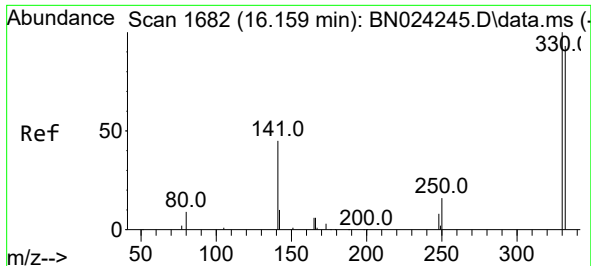
Ion Ratio Lower Upper

164 100

162 103.5 84.7 127.1

160 51.3 44.6 66.8

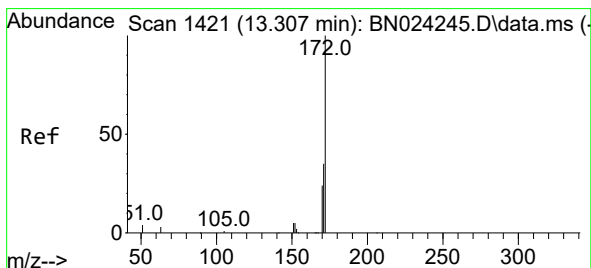
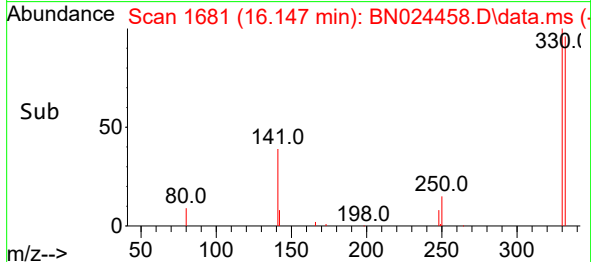
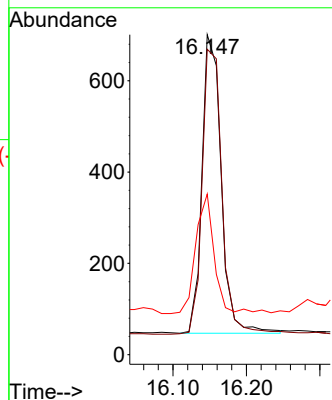
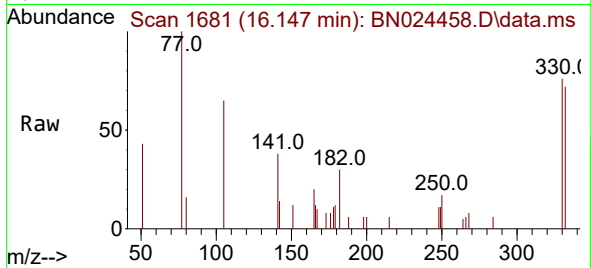




#14
2,4,6-Tribromophenol
Concen: 0.117 ng
RT: 16.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024458.D
Acq: 21 Mar 2023 22:32

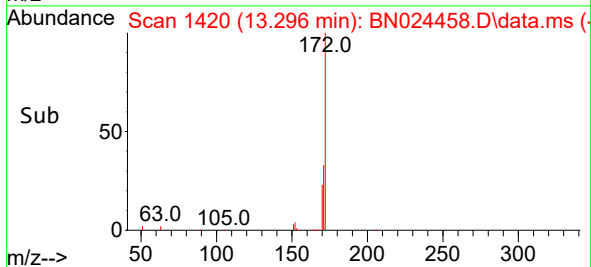
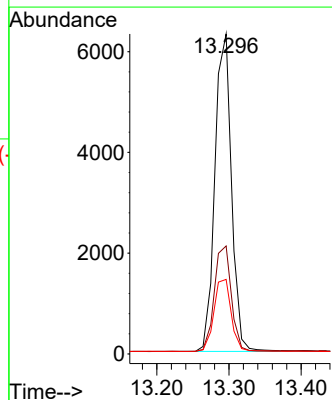
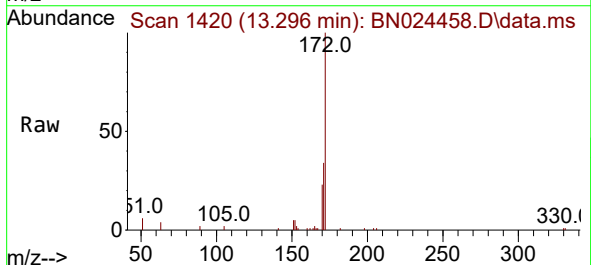
Instrument :
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ClientSampleId :
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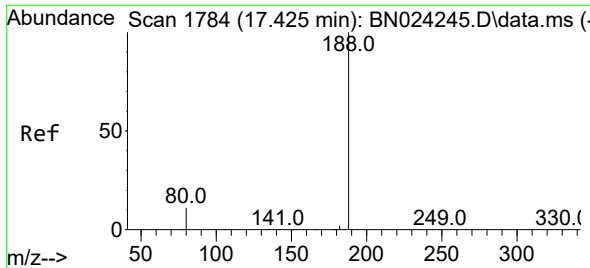
Tgt Ion:330 Resp: 1185
Ion Ratio Lower Upper
330 100
332 98.6 78.0 117.0
141 39.1 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.134 ng
RT: 13.296 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BN024458.D
Acq: 21 Mar 2023 22:32

Tgt Ion:172 Resp: 10054
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.8
170 23.3 19.0 28.6

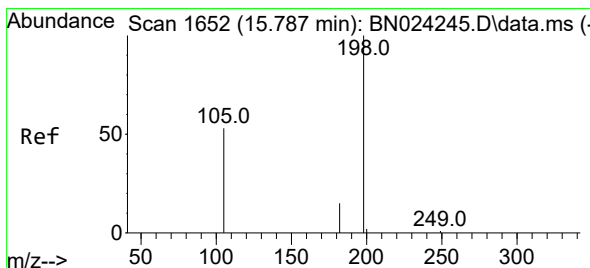
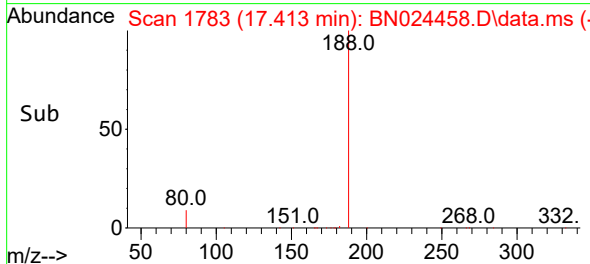
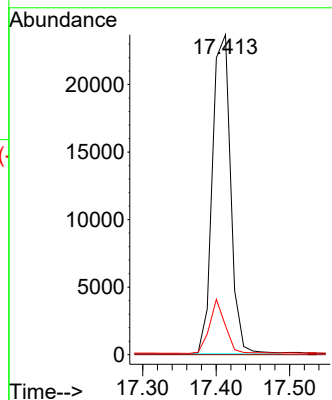
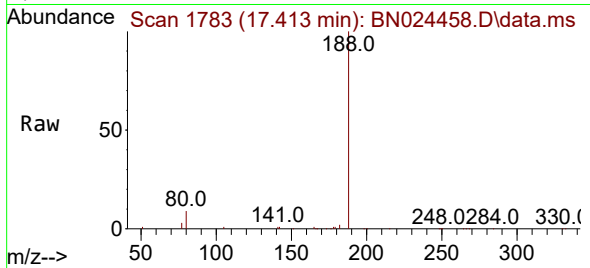




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024458.D
Acq: 21 Mar 2023 22:32

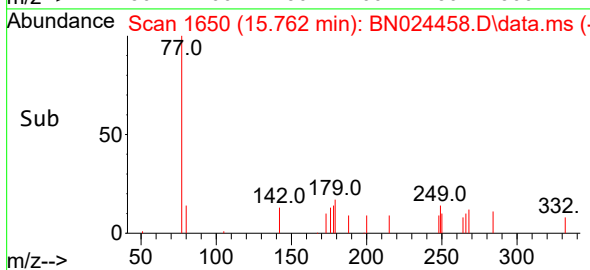
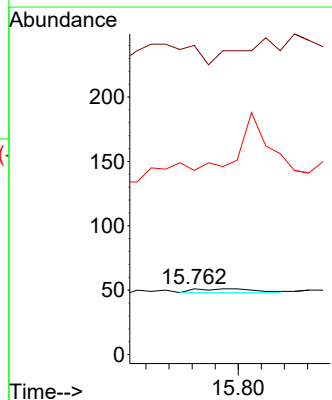
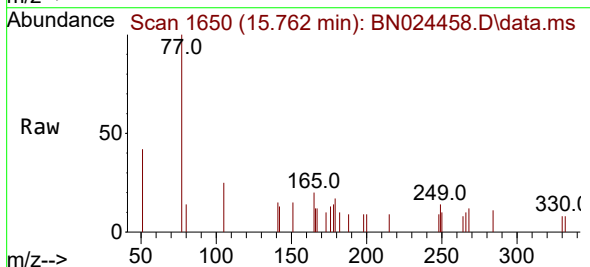
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BNA_N
ClientSampleId :
RE120D1-20230310DL

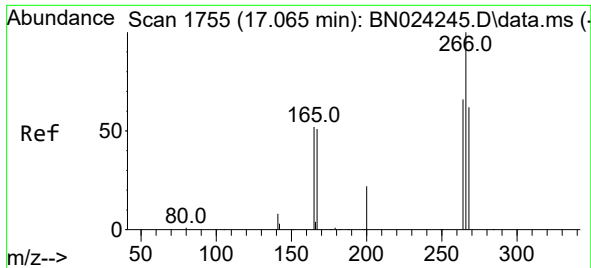
Tgt Ion:188 Resp: 40796
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 8.9 13.3



#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.762 min Scan# 1650
Delta R.T. -0.025 min
Lab File: BN024458.D
Acq: 21 Mar 2023 22:32

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 470.6 68.2 102.2#
105 280.4 51.6 77.4#

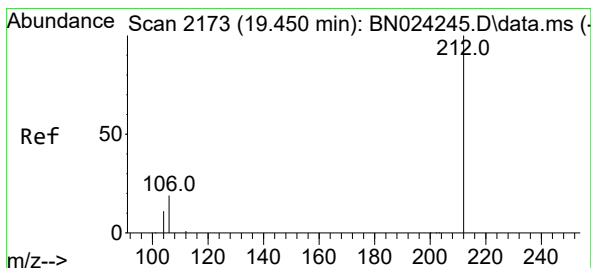
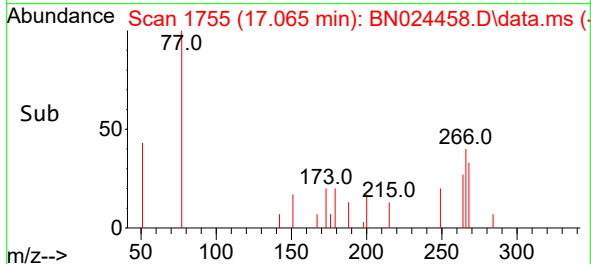
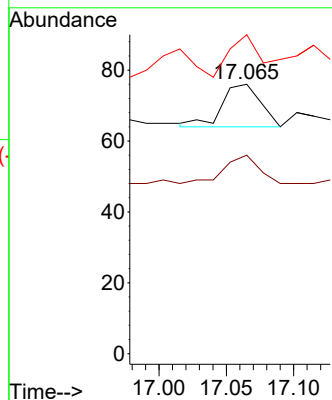
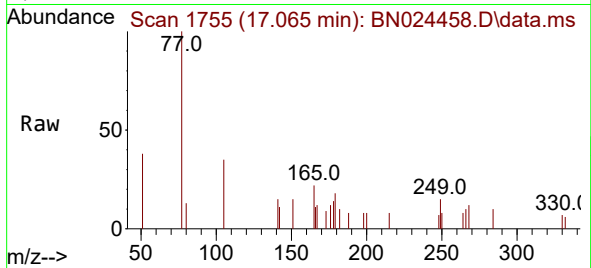




#24
Pentachlorophenol
Concen: 0.130 ng
RT: 17.065 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024458.D
Acq: 21 Mar 2023 22:32

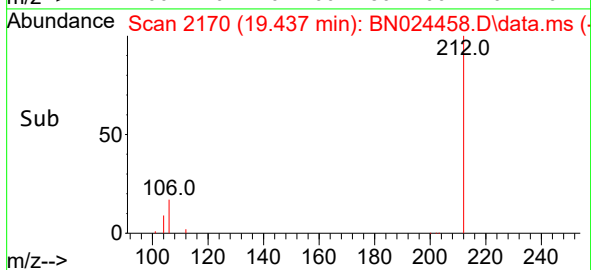
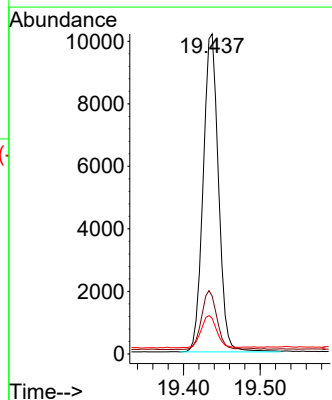
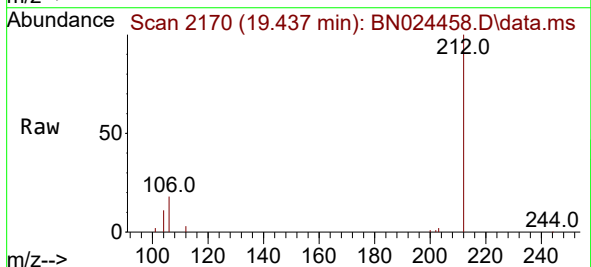
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230310DL

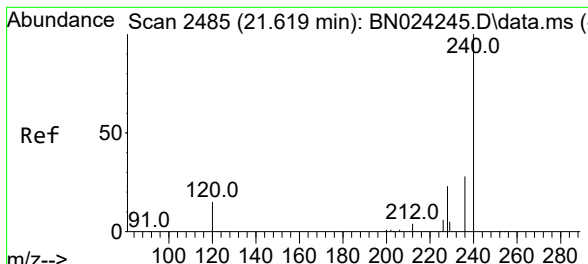
Tgt Ion:266 Resp: 24
Ion Ratio Lower Upper
266 100
264 75.0 51.1 76.7
268 91.7 52.2 78.4#



#27
Fluoranthene-d10
Concen: 0.163 ng
RT: 19.437 min Scan# 2170
Delta R.T. -0.000 min
Lab File: BN024458.D
Acq: 21 Mar 2023 22:32

Tgt Ion:212 Resp: 14108
Ion Ratio Lower Upper
212 100
106 18.6 15.4 23.2
104 10.3 8.6 13.0

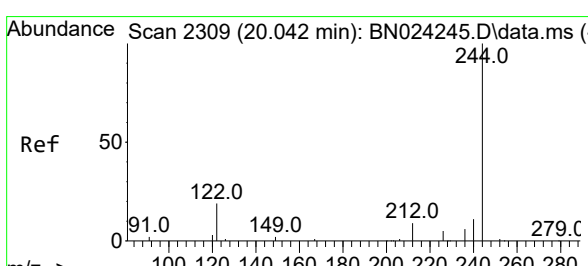
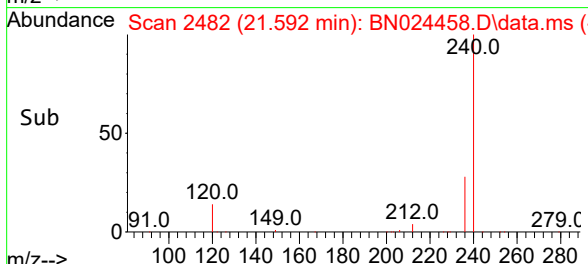
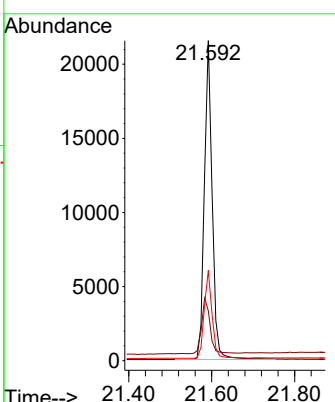
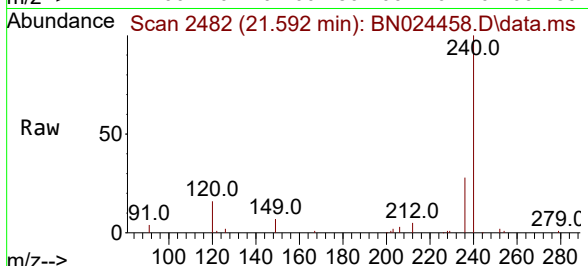




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.592 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BN024458.D
Acq: 21 Mar 2023 22:32

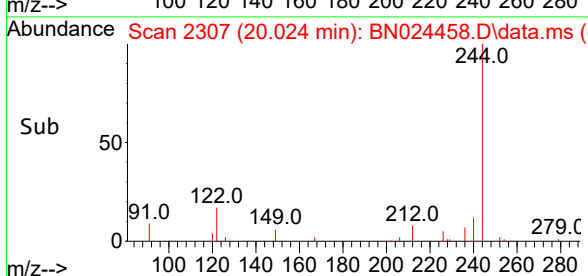
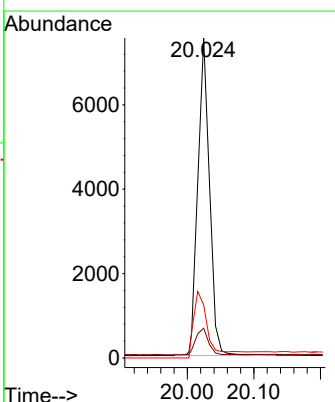
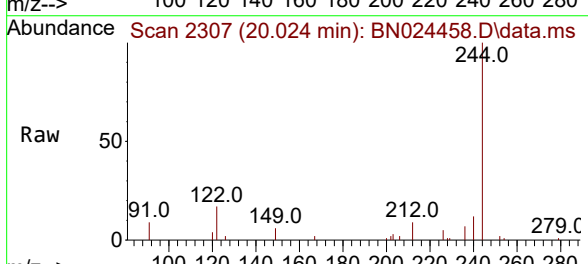
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230310DL

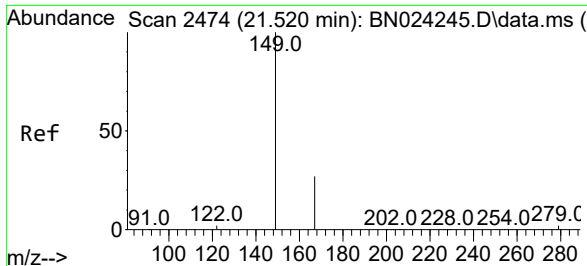
Tgt Ion:	240	Resp:	28323
Ion Ratio	Lower	Upper	
240	100		
120	15.6	12.8	19.2
236	28.2	22.5	33.7



#31
Terphenyl-d14
Concen: 0.165 ng
RT: 20.024 min Scan# 2307
Delta R.T. -0.000 min
Lab File: BN024458.D
Acq: 21 Mar 2023 22:32

Tgt Ion:	244	Resp:	7859
Ion Ratio	Lower	Upper	
244	100		
212	9.3	7.6	11.4
122	16.6	15.1	22.7

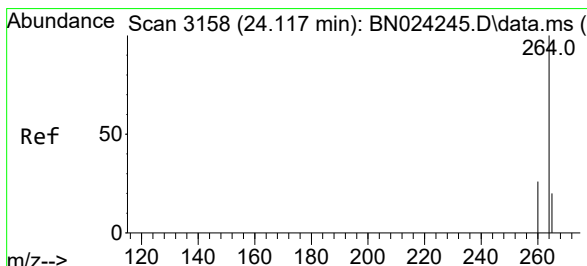
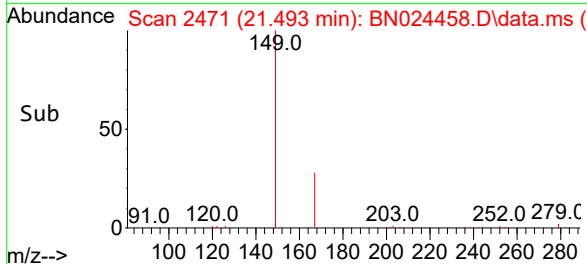
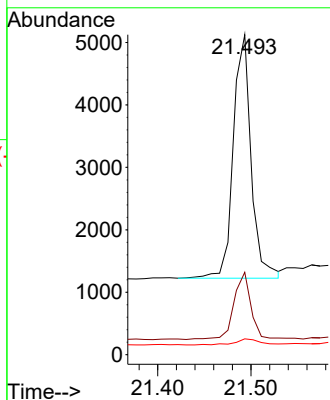
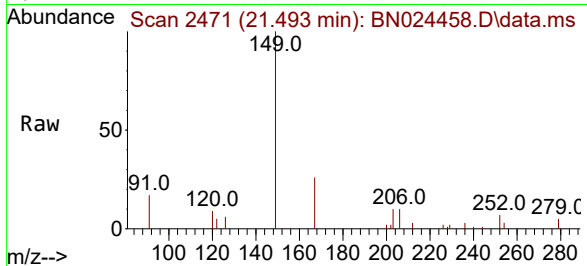




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.117 ng
 RT: 21.493 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN024458.D
 Acq: 21 Mar 2023 22:32

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20230310DL

Tgt Ion:149 Resp: 5190
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.2 31.8
 279 3.6 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.082 min Scan# 3146
 Delta R.T. 0.003 min
 Lab File: BN024458.D
 Acq: 21 Mar 2023 22:32

Tgt Ion:264 Resp: 15638
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.4 32.2
 265 79.9 35.7 53.5#

