

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
 Data File : BN024981.D
 Acq On : 18 Apr 2023 16:43
 Operator : CG/JU
 Sample : 02354-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230413

Quant Time: Apr 18 17:55:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 05:29:26 2023
 Response via : Initial Calibration

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

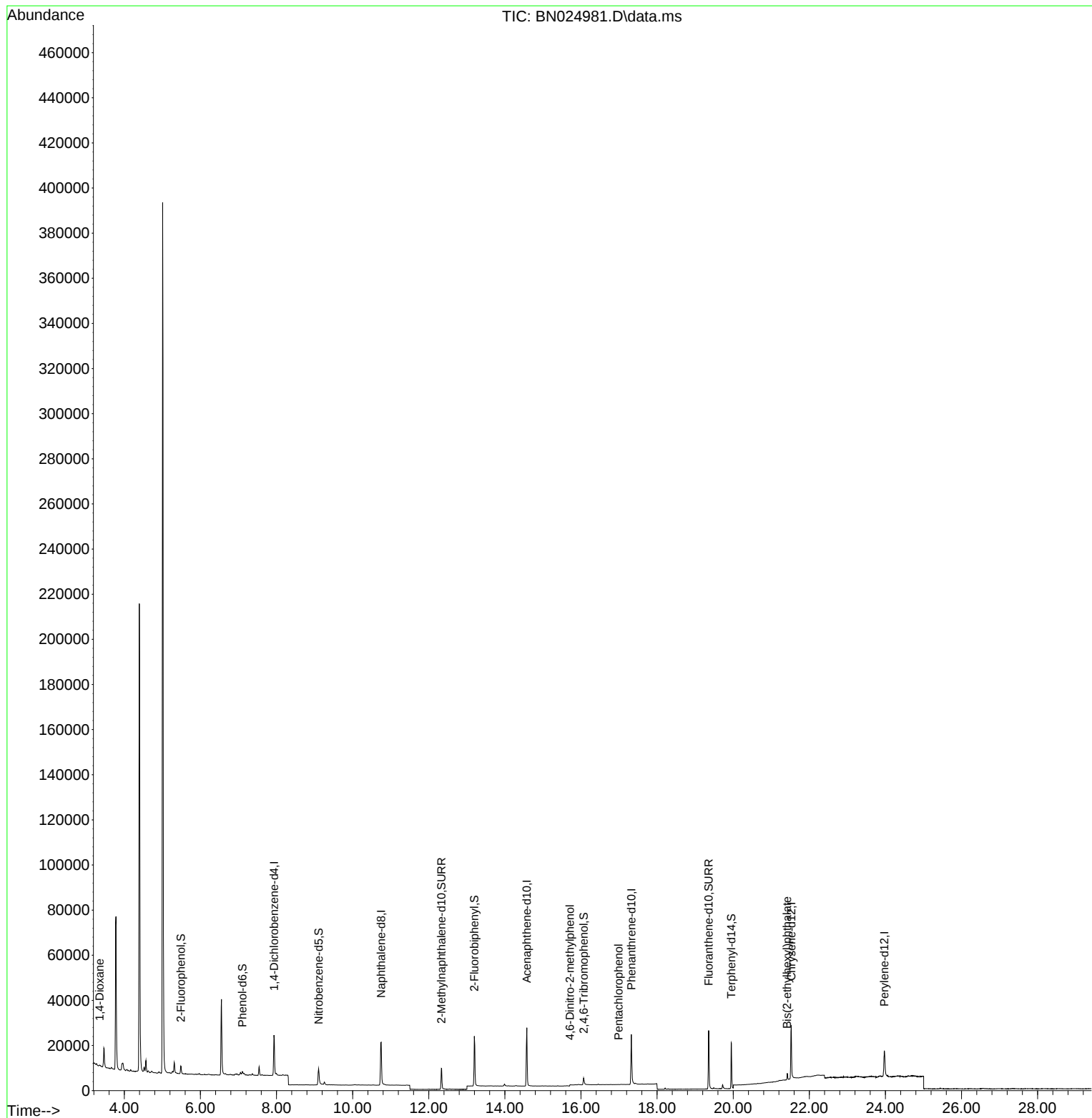
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	9452	0.400	ng	0.00
7) Naphthalene-d8	10.750	136	28339	0.400	ng	0.00
13) Acenaphthene-d10	14.576	164	15022	0.400	ng	0.00
19) Phenanthrene-d10	17.323	188	31506	0.400	ng	0.00
29) Chrysene-d12	21.527	240	24621	0.400	ng	0.00
35) Perylene-d12	23.974	264	17360	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.492	112	3040	0.139	ng	0.00
5) Phenol-d6	7.102	99	2038	0.074	ng	0.00
8) Nitrobenzene-d5	9.106	82	7409	0.324	ng	0.00
11) 2-Methylnaphthalene-d10	12.332	152	13684	0.365	ng	0.00
14) 2,4,6-Tribromophenol	16.070	330	2082	0.308	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	20483	0.357	ng	-0.01
27) Fluoranthene-d10	19.355	212	29955	0.419	ng	0.00
31) Terphenyl-d14	19.953	244	29148	0.522	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.354	88	347	0.033	ng	# 31
20) 4,6-Dinitro-2-methylph...	15.710	198	5	0.176	ng	# 1
24) Pentachlorophenol	16.988	266	67	0.226	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.419	149	3334	0.075	ng	# 94

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

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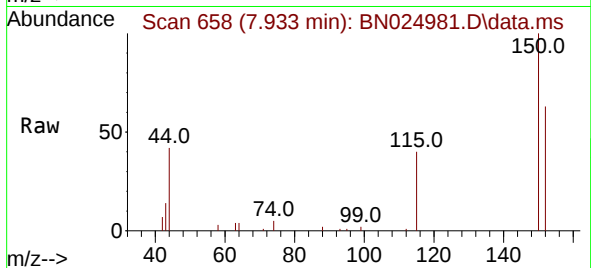
Quant Time: Apr 18 17:55:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
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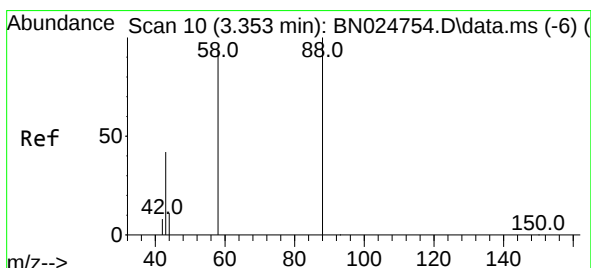
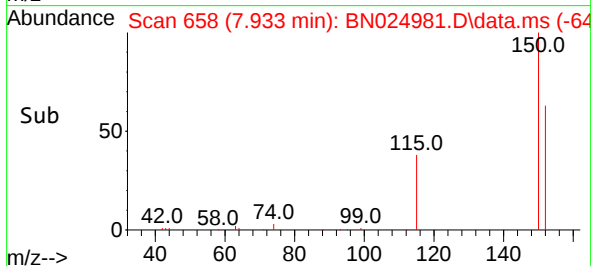
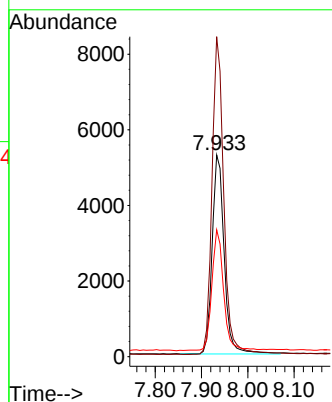
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.933 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN024981.D
 Acq: 18 Apr 2023 16:43

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230413



Tgt Ion:152 Resp: 9452

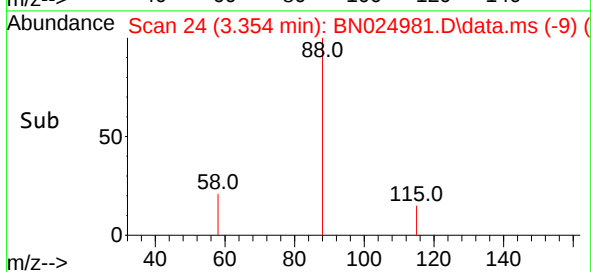
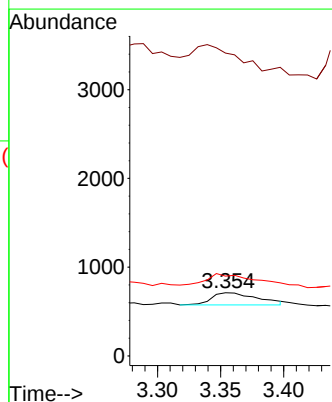
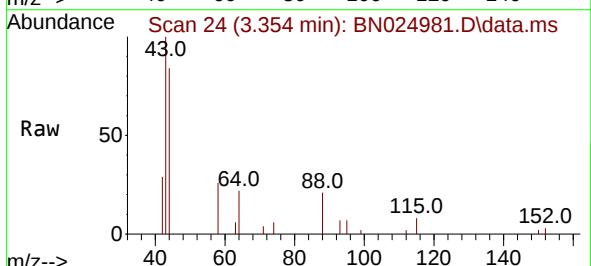
Ion	Ratio	Lower	Upper
152	100		
150	158.6	121.8	182.8
115	62.9	48.3	72.5

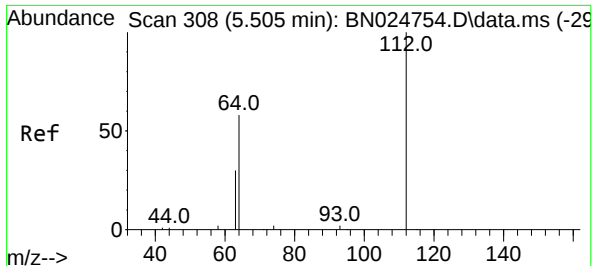


#2
 1,4-Dioxane
 Concen: 0.033 ng
 RT: 3.354 min Scan# 24
 Delta R.T. 0.007 min
 Lab File: BN024981.D
 Acq: 18 Apr 2023 16:43

Tgt Ion: 88 Resp: 347

Ion	Ratio	Lower	Upper
88	100		
43	177.8	35.2	52.8#
58	87.6	71.4	107.2

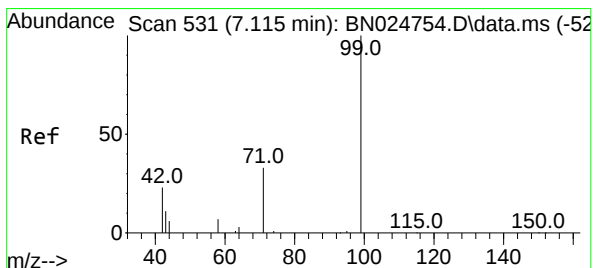
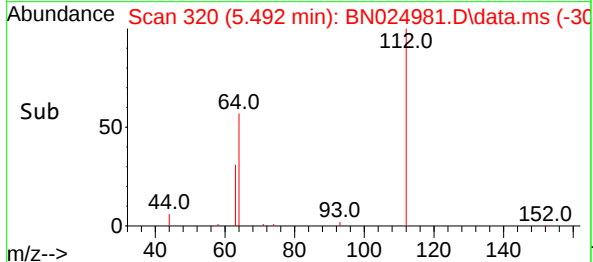
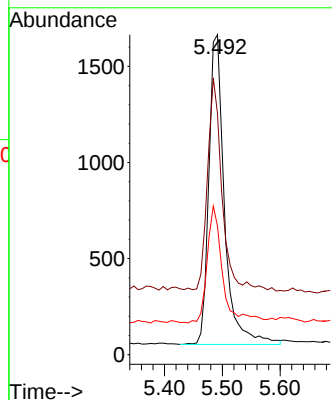
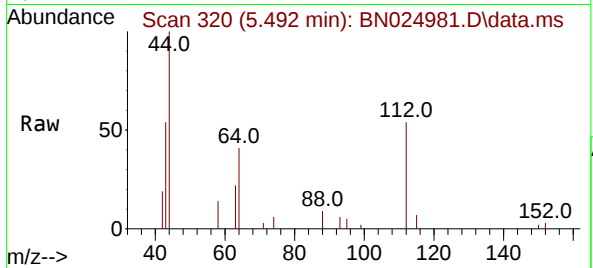




#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.492 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN024981.D
Acq: 18 Apr 2023 16:43

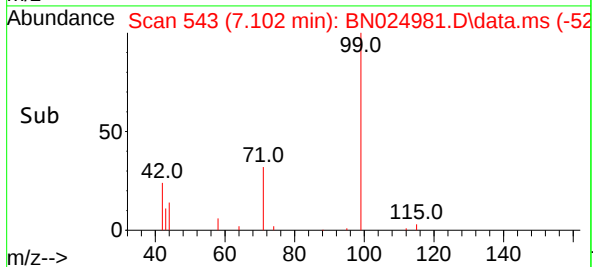
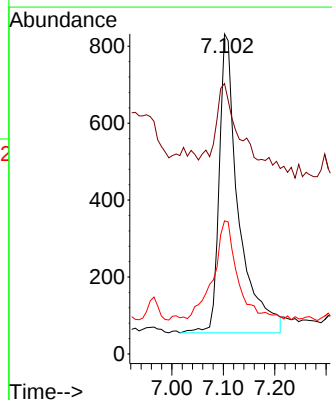
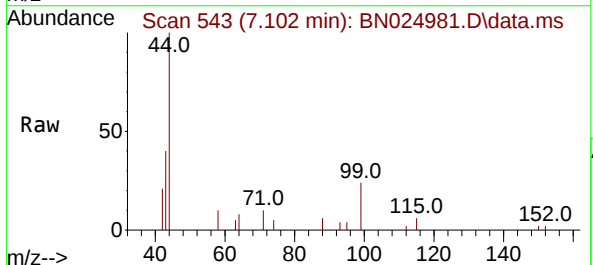
Instrument :
BNA_N
ClientSampleId :
SP-303-20230413

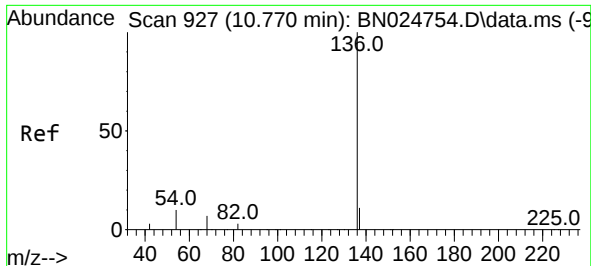
Tgt Ion:112 Resp: 3040
Ion Ratio Lower Upper
112 100
64 64.0 52.5 78.7
63 37.0 27.9 41.9



#5
Phenol-d6
Concen: 0.074 ng
RT: 7.102 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN024981.D
Acq: 18 Apr 2023 16:43

Tgt Ion: 99 Resp: 2038
Ion Ratio Lower Upper
99 100
42 33.8 22.8 34.2
71 40.4 28.2 42.2

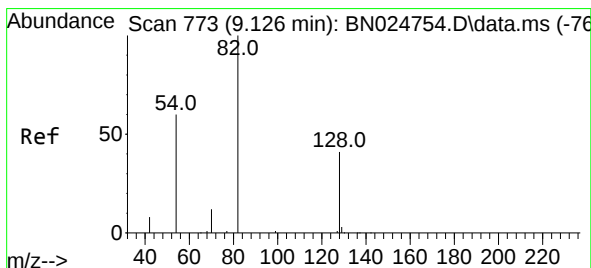
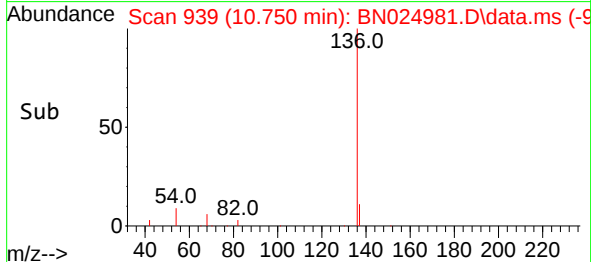
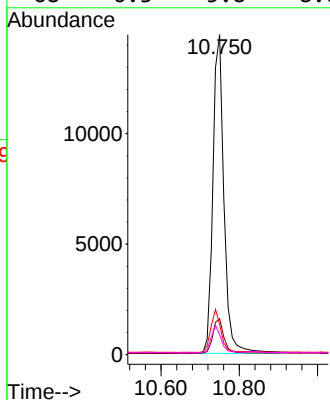
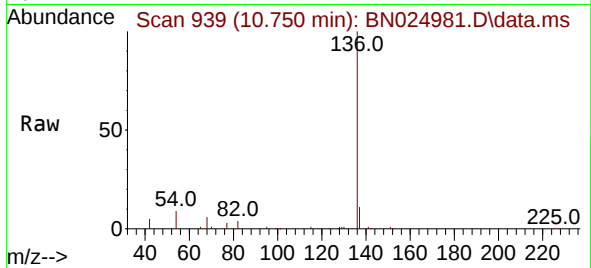




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.750 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024981.D
Acq: 18 Apr 2023 16:43

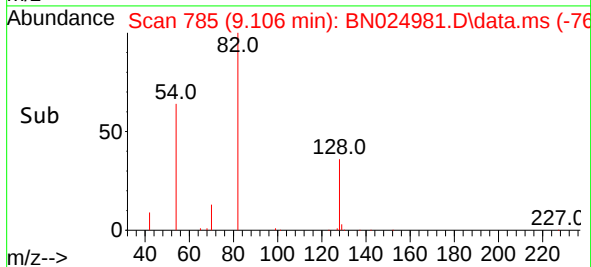
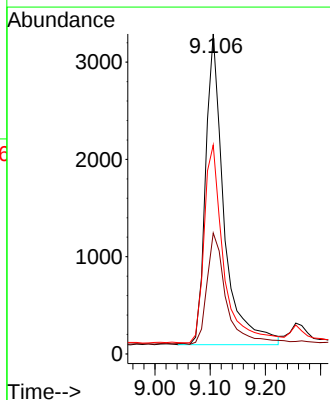
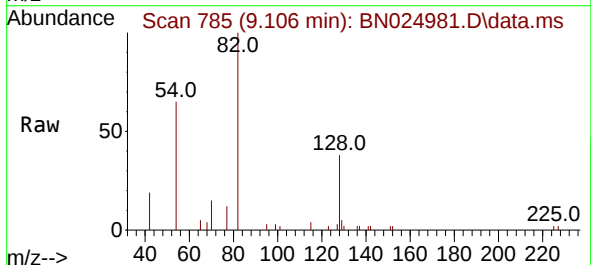
Instrument :
BNA_N
ClientSampleId :
SP-303-20230413

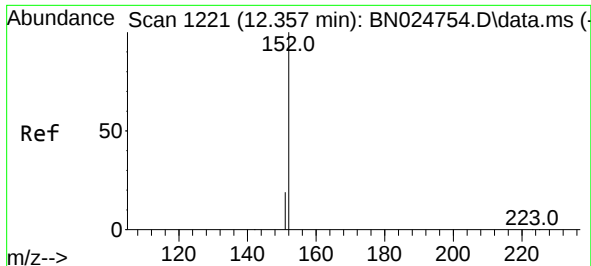
Tgt Ion:136	Resp:	28339
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	9.5	8.2 12.4
68	6.3	5.8 8.6



#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 9.106 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN024981.D
Acq: 18 Apr 2023 16:43

Tgt Ion: 82	Resp:	7409
Ion Ratio	Lower	Upper
82	100	
128	37.8	33.8 50.6
54	65.3	49.4 74.0

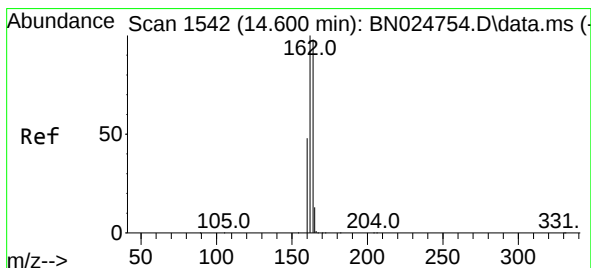
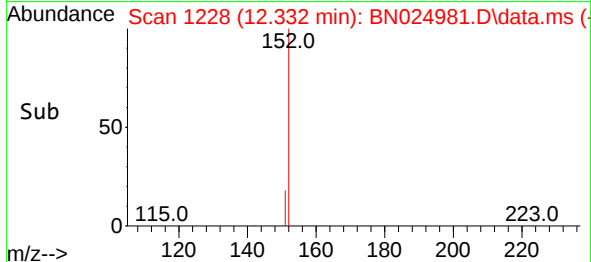
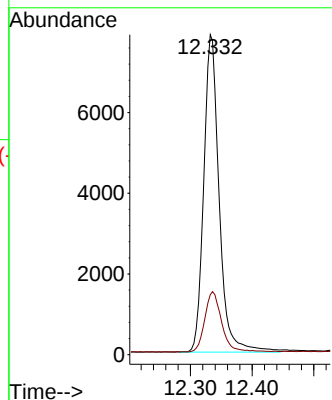
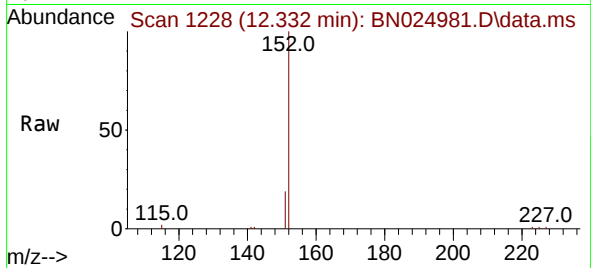




#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.332 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN024981.D
Acq: 18 Apr 2023 16:43

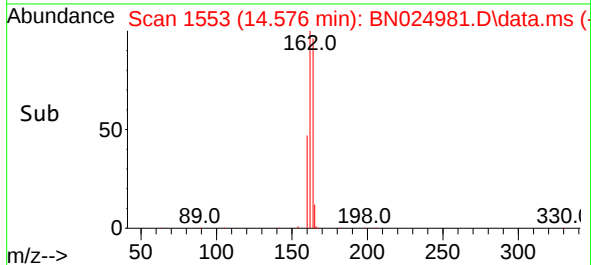
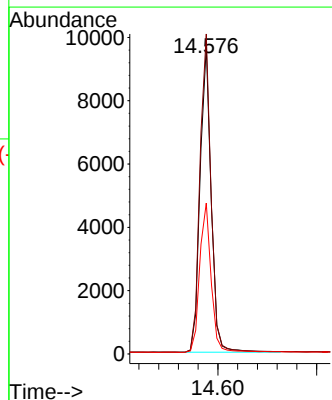
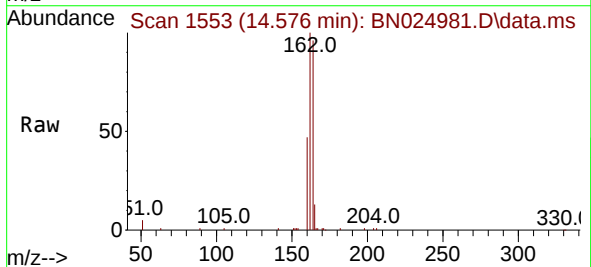
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BNA_N
ClientSampleId :
SP-303-20230413

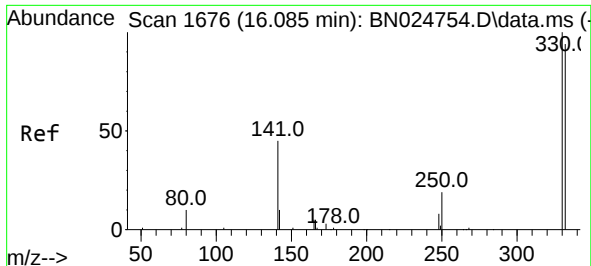
Tgt Ion:152 Resp: 13684
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.576 min Scan# 1553
Delta R.T. -0.000 min
Lab File: BN024981.D
Acq: 18 Apr 2023 16:43

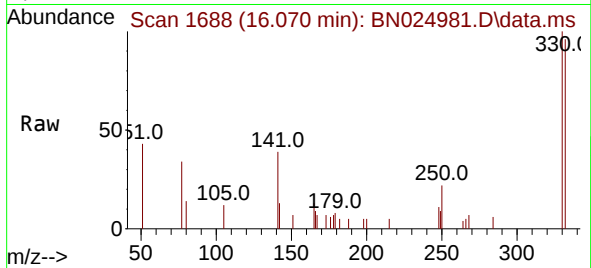
Tgt Ion:164 Resp: 15022
Ion Ratio Lower Upper
164 100
162 104.1 81.9 122.9
160 49.1 39.2 58.8



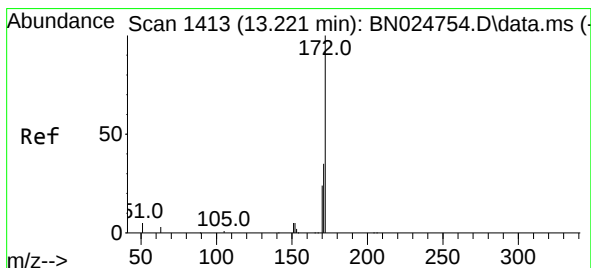
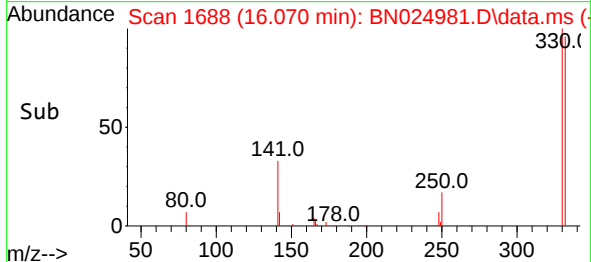
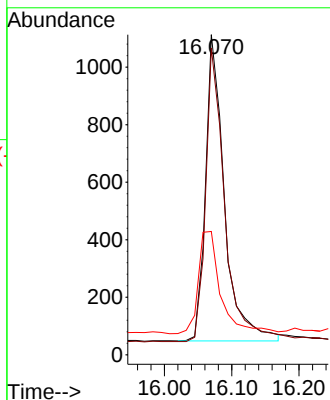


#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 16.070 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024981.D
Acq: 18 Apr 2023 16:43

Instrument :
BNA_N
ClientSampleId :
SP-303-20230413

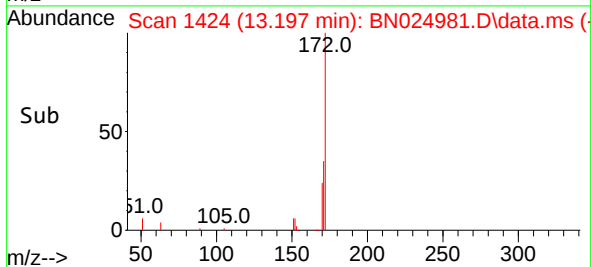
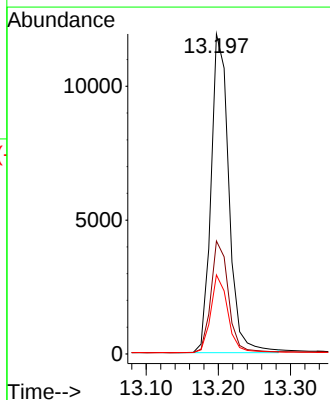
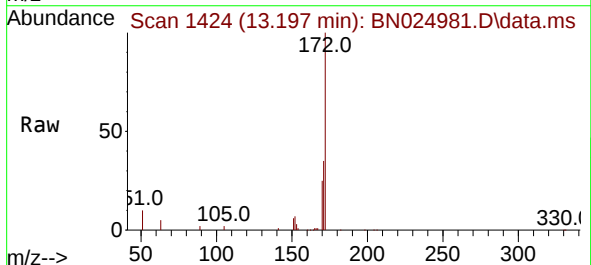


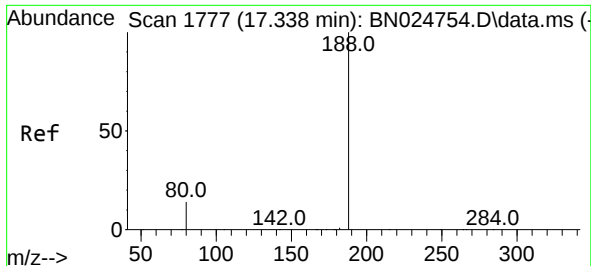
Tgt Ion:330 Resp: 2082
Ion Ratio Lower Upper
330 100
332 96.5 77.9 116.9
141 39.8 31.0 46.6



#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.197 min Scan# 1424
Delta R.T. -0.011 min
Lab File: BN024981.D
Acq: 18 Apr 2023 16:43

Tgt Ion:172 Resp: 20483
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.7 19.2 28.8

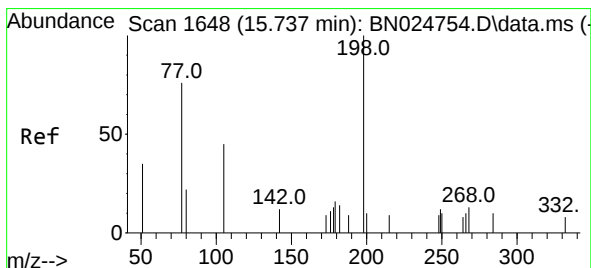
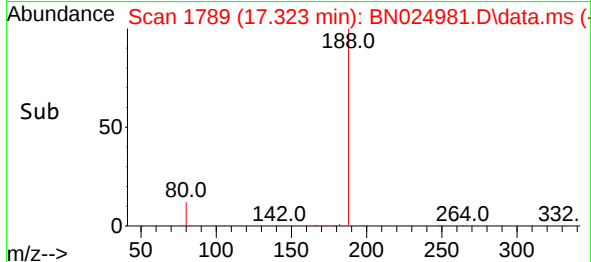
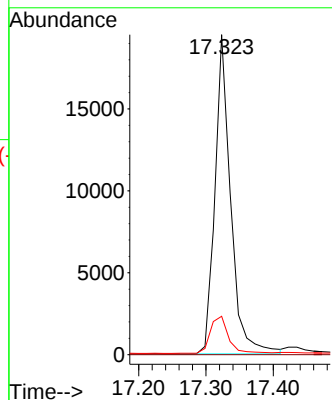
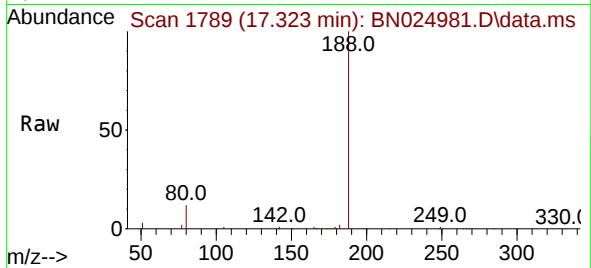




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.323 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024981.D
Acq: 18 Apr 2023 16:43

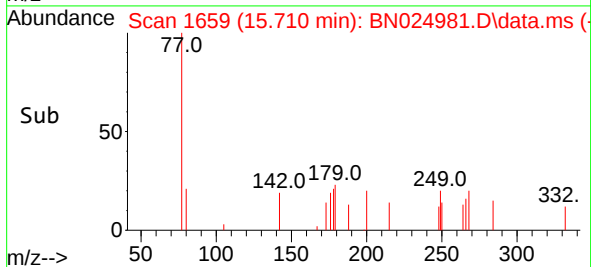
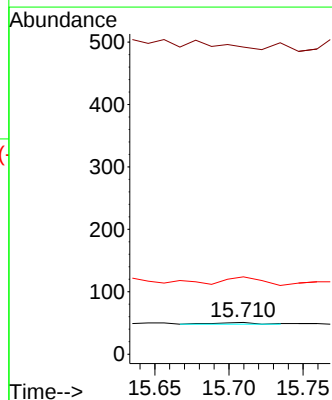
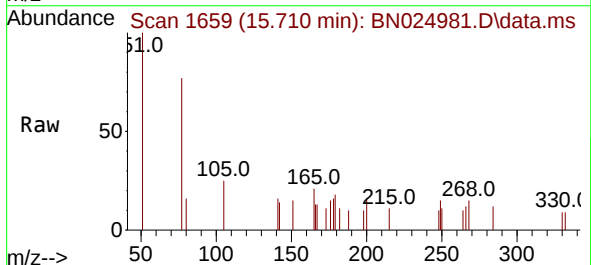
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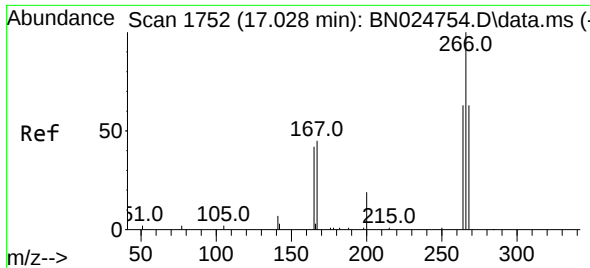
Tgt Ion:188 Resp: 31506
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 11.3 16.9



#20
4,6-Dinitro-2-methylphenol
Concen: 0.176 ng
RT: 15.710 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BN024981.D
Acq: 18 Apr 2023 16:43

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 964.7 99.8 149.8#
105 243.1 49.4 74.0#

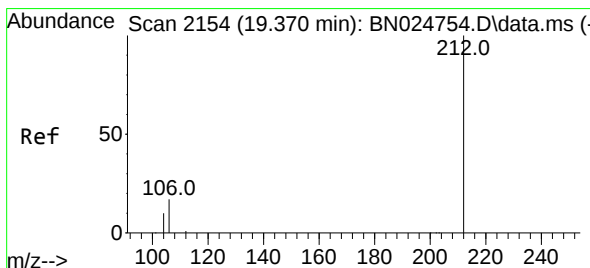
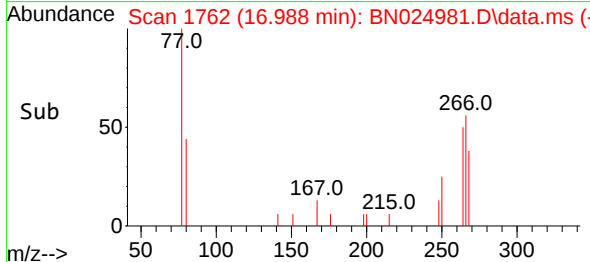
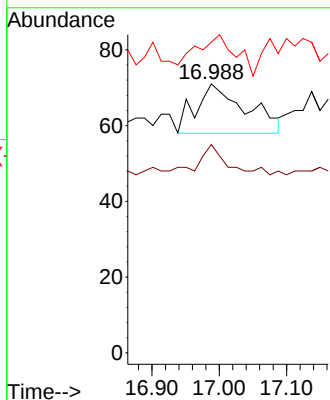
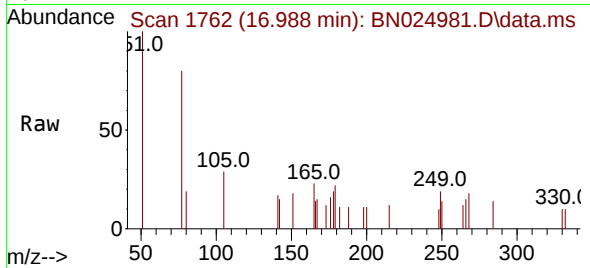




#24
 Pentachlorophenol
 Concen: 0.226 ng
 RT: 16.988 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN024981.D
 Acq: 18 Apr 2023 16:43

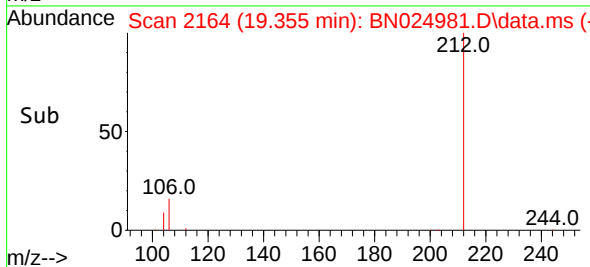
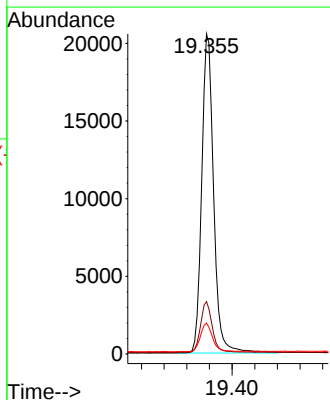
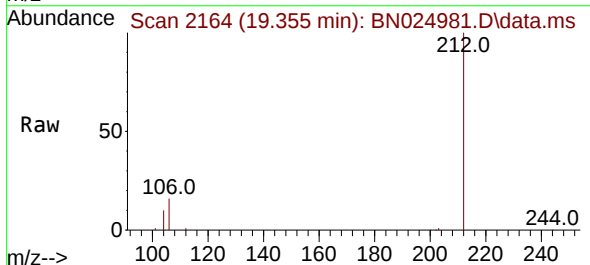
Instrument :
 BNA_N
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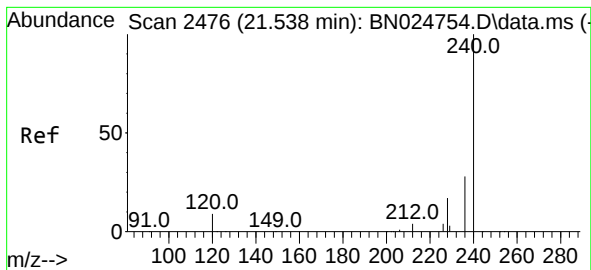
Tgt Ion:266 Resp: 67
 Ion Ratio Lower Upper
 266 100
 264 20.9 46.1 69.1#
 268 67.2 46.7 70.1



#27
 Fluoranthene-d10
 Concen: 0.419 ng
 RT: 19.355 min Scan# 2164
 Delta R.T. -0.004 min
 Lab File: BN024981.D
 Acq: 18 Apr 2023 16:43

Tgt Ion:212 Resp: 29955
 Ion Ratio Lower Upper
 212 100
 106 15.7 13.2 19.8
 104 9.0 7.6 11.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.527 min Scan# 2476

Delta R.T. 0.005 min

Lab File: BN024981.D

Acq: 18 Apr 2023 16:43

Instrument :

BNA_N

ClientSampleId :

SP-303-20230413

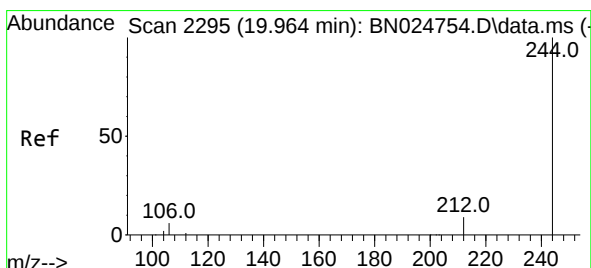
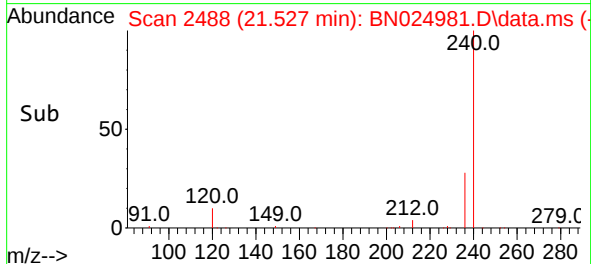
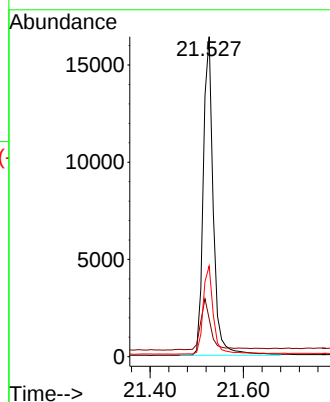
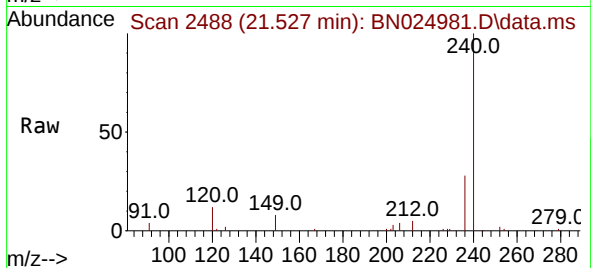
Tgt Ion:240 Resp: 24621

Ion Ratio Lower Upper

240 100

120 11.8 8.8 13.2

236 28.4 22.6 34.0



#31

Terphenyl-d14

Concen: 0.522 ng

RT: 19.953 min Scan# 2306

Delta R.T. -0.000 min

Lab File: BN024981.D

Acq: 18 Apr 2023 16:43

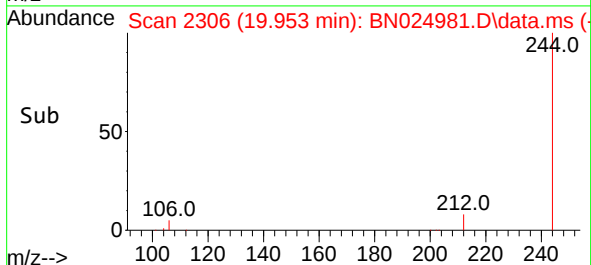
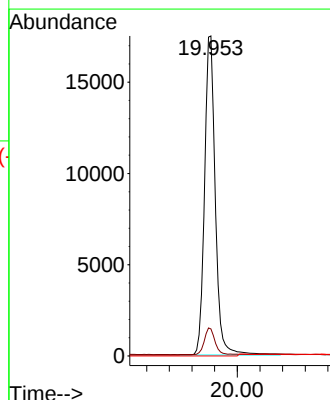
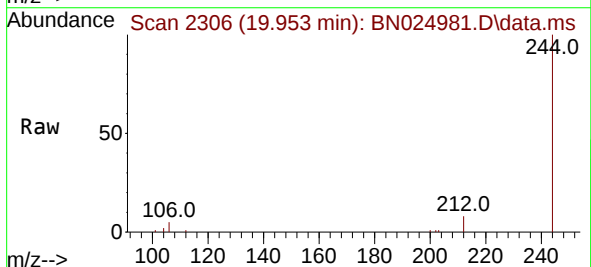
Tgt Ion:244 Resp: 29148

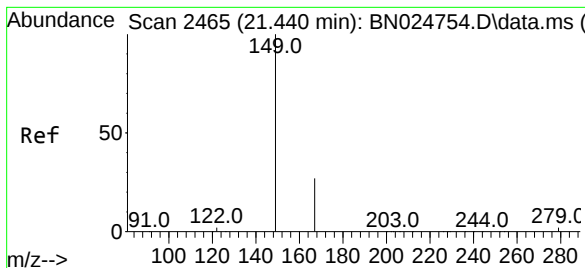
Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.0

122 0.0 0.0 0.0

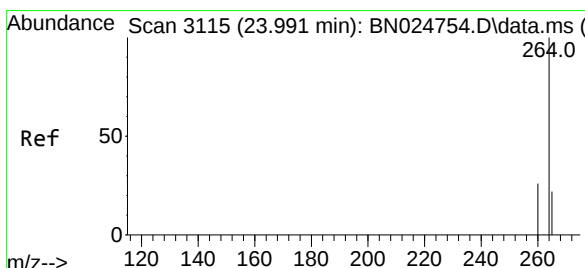
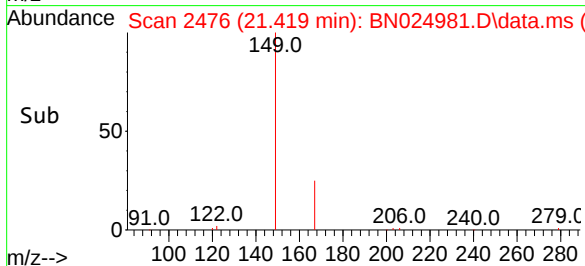
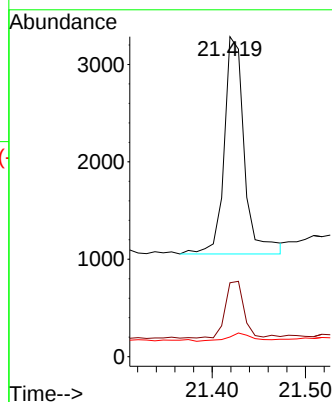
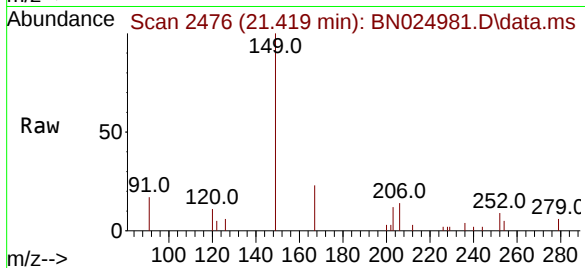




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.419 min Scan# 2465
 Delta R.T. -0.004 min
 Lab File: BN024981.D
 Acq: 18 Apr 2023 16:43

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230413

Tgt Ion:149 Resp: 3334
 Ion Ratio Lower Upper
 149 100
 167 23.8 21.4 32.2
 279 4.6 2.6 4.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.974 min Scan# 3123
 Delta R.T. 0.002 min
 Lab File: BN024981.D
 Acq: 18 Apr 2023 16:43

Tgt Ion:264 Resp: 17360
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.8 31.2
 265 70.8 46.5 69.7#

