

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029081.D
 Acq On : 07 Dec 2023 07:38
 Operator : MA/JU
 Sample : 05585-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P3874-SP0

Quant Time: Dec 07 08:07:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

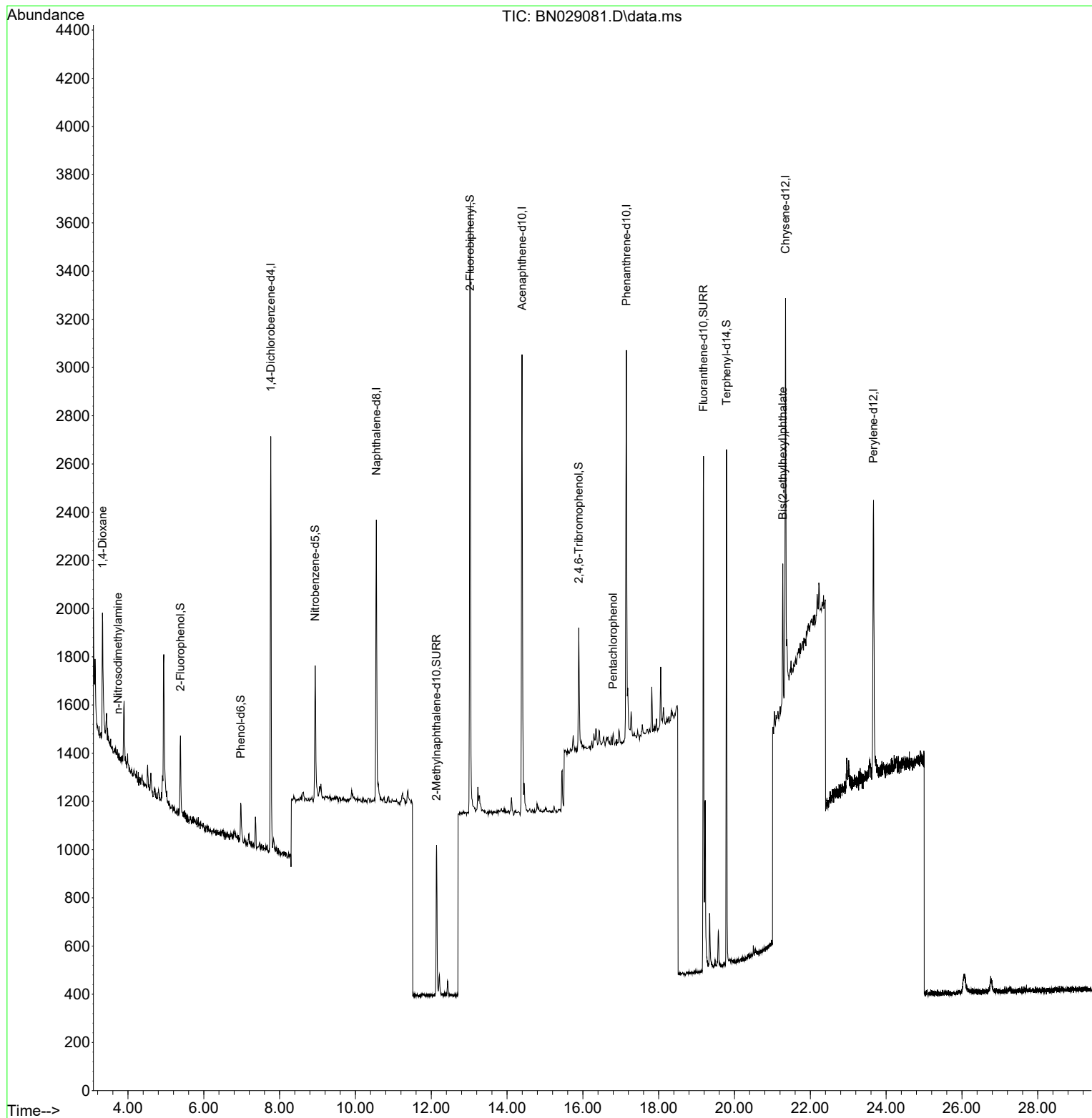
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	844	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	1648	0.400	ng	#-0.01
13) Acenaphthene-d10	14.396	164	1123	0.400	ng	0.00
19) Phenanthrene-d10	17.147	188	2504	0.400	ng	# 0.00
29) Chrysene-d12	21.347	240	1483	0.400	ng	# 0.00
35) Perylene-d12	23.664	264	1567	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	269	0.141	ng	0.00
5) Phenol-d6	6.973	99	172	0.075	ng	0.00
8) Nitrobenzene-d5	8.939	82	618	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	913	0.264	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	345	0.278	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2434	0.419	ng	0.00
27) Fluoranthene-d10	19.181	212	2660	0.338	ng	0.00
31) Terphenyl-d14	19.789	244	1981	0.528	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.326	88	572	0.842	ng	# 79
3) n-Nitrosodimethylamine	3.738	42	14	0.034	ng	# 6
24) Pentachlorophenol	16.799	266	36	0.026	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.275	149	558	0.120	ng	95

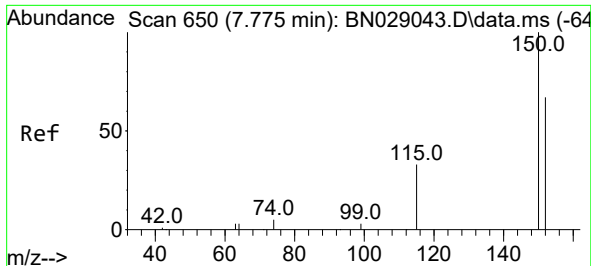
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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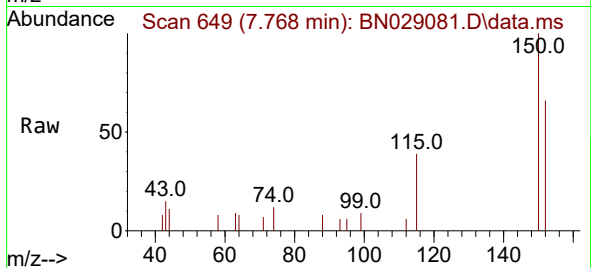
Quant Time: Dec 07 08:07:09 2023
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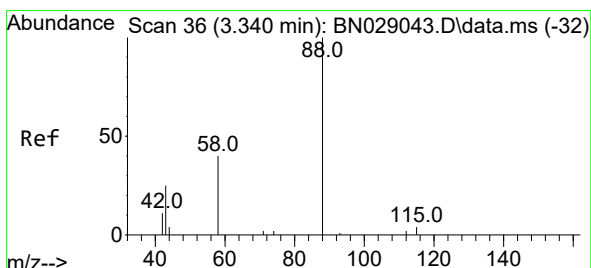
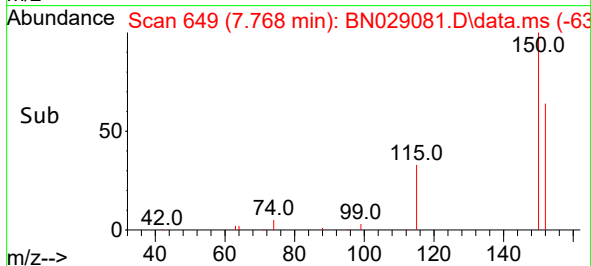
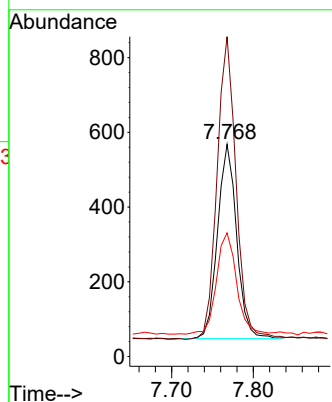


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN029081.D
 Acq: 07 Dec 2023 07:38

Instrument :
 BNA_N
 ClientSampleId :
 P3874-SP0

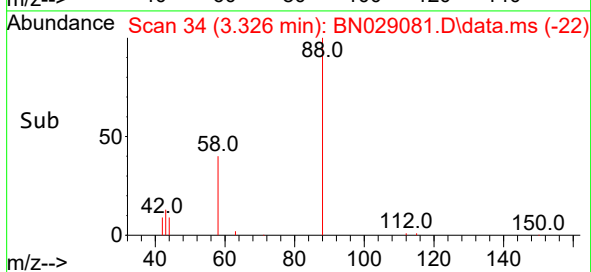
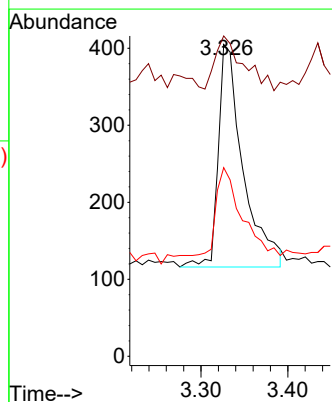
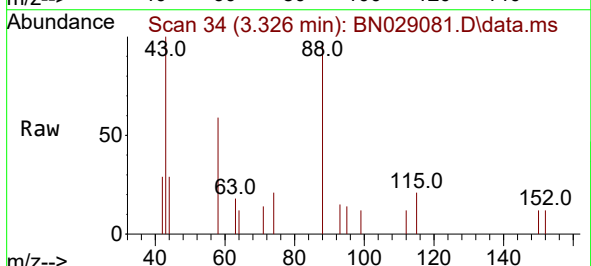


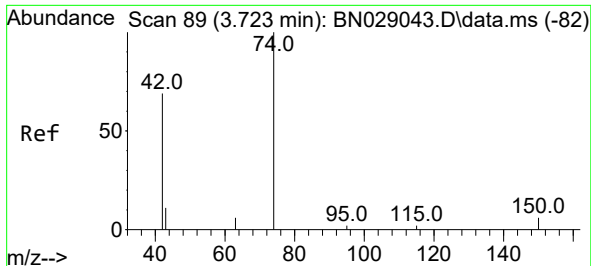
Tgt Ion:152 Resp: 844
 Ion Ratio Lower Upper
 152 100
 150 150.7 116.2 174.4
 115 58.3 45.1 67.7



#2
 1,4-Dioxane
 Concen: 0.842 ng
 RT: 3.326 min Scan# 34
 Delta R.T. -0.014 min
 Lab File: BN029081.D
 Acq: 07 Dec 2023 07:38

Tgt Ion: 88 Resp: 572
 Ion Ratio Lower Upper
 88 100
 43 27.8 15.6 23.4#
 58 55.1 33.2 49.8#

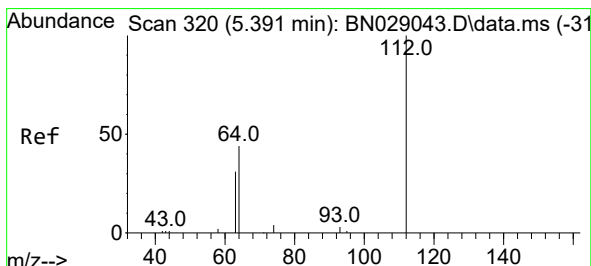
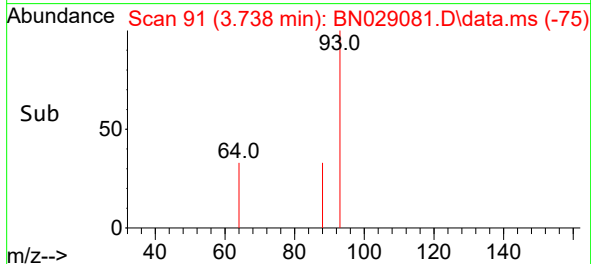
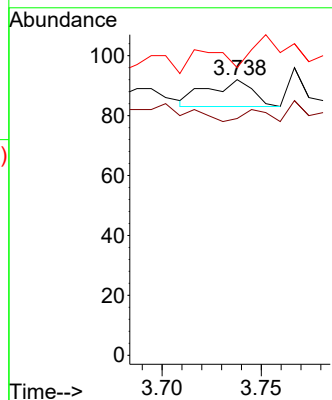
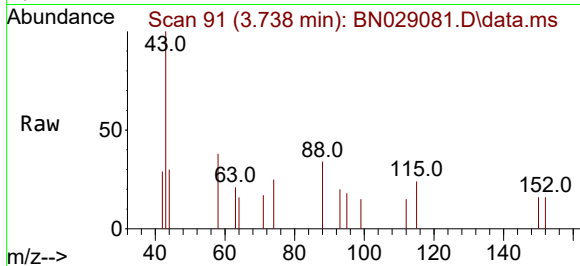




#3
n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 3.738 min Scan# 91
Delta R.T. 0.015 min
Lab File: BN029081.D
Acq: 07 Dec 2023 07:38

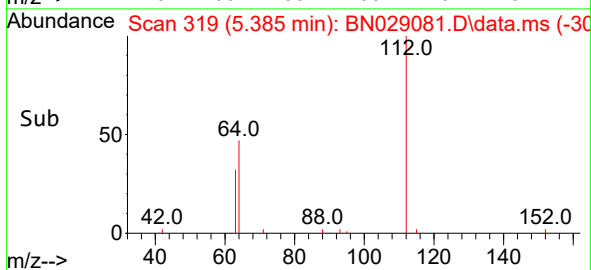
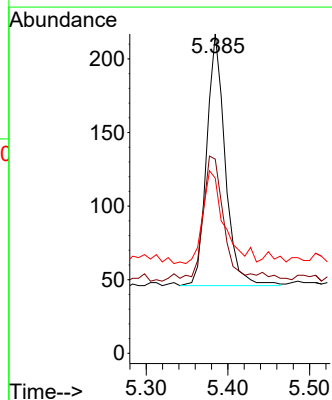
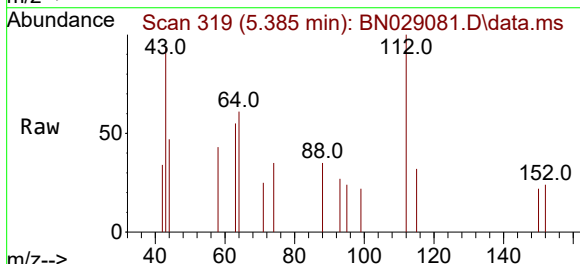
Instrument :
BNA_N
ClientSampleId :
P3874-SP0

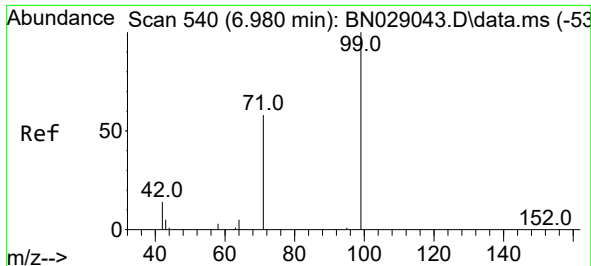
Tgt Ion: 42 Resp: 14
Ion Ratio Lower Upper
42 100
74 21.4 106.3 159.5#
44 164.3 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.385 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN029081.D
Acq: 07 Dec 2023 07:38

Tgt Ion: 112 Resp: 269
Ion Ratio Lower Upper
112 100
64 57.2 37.0 55.6#
63 42.8 29.0 43.6

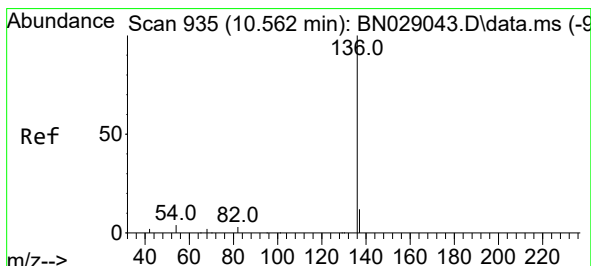
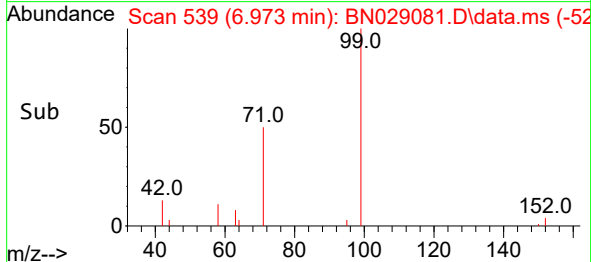
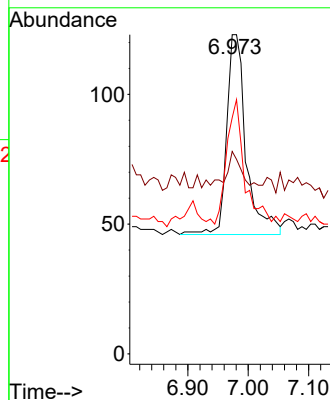
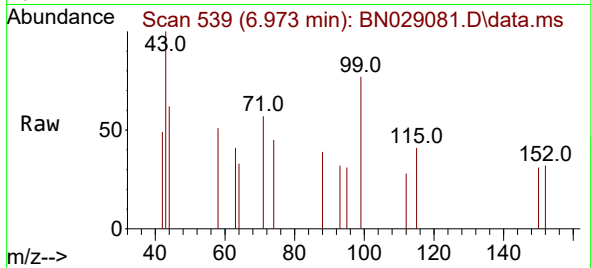




#5
Phenol-d6
Concen: 0.075 ng
RT: 6.973 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN029081.D
Acq: 07 Dec 2023 07:38

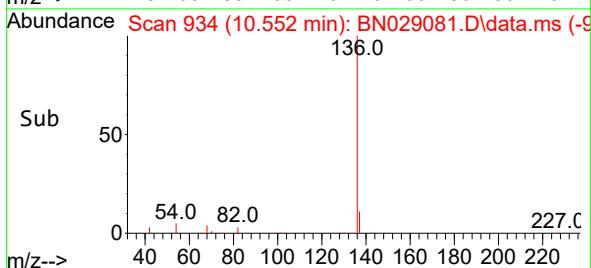
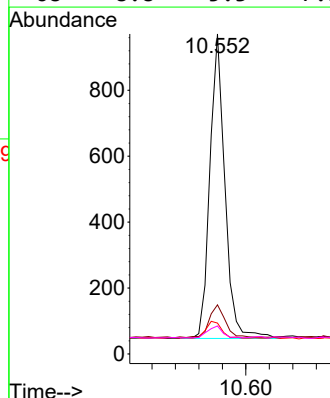
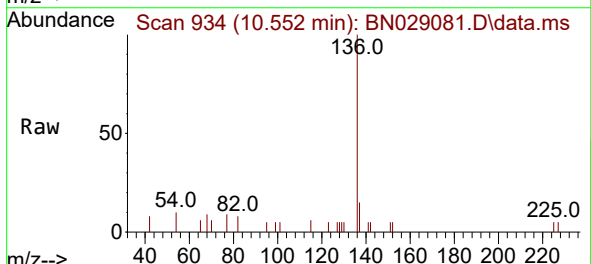
Instrument :
BNA_N
ClientSampleId :
P3874-SP0

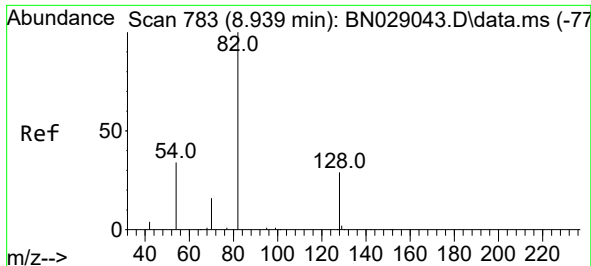
Tgt Ion: 99 Resp: 172
Ion Ratio Lower Upper
99 100
42 10.5 13.4 20.2#
71 52.9 47.8 71.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.552 min Scan# 934
Delta R.T. -0.010 min
Lab File: BN029081.D
Acq: 07 Dec 2023 07:38

Tgt Ion:136 Resp: 1648
Ion Ratio Lower Upper
136 100
137 15.3 11.9 17.9
54 9.7 6.4 9.6#
68 8.8 5.3 7.9#

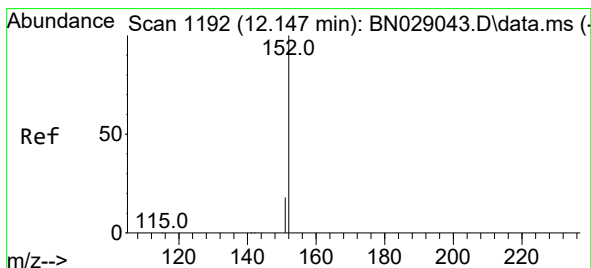
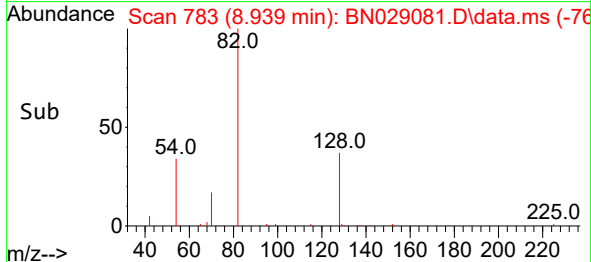
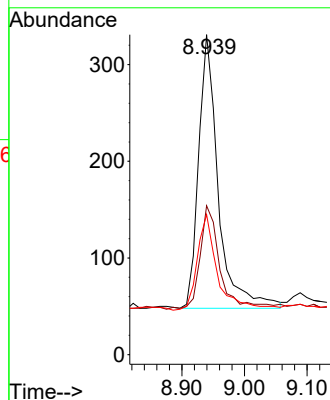
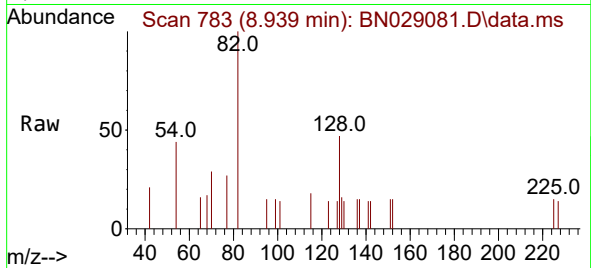




#8
 Nitrobenzene-d5
 Concen: 0.311 ng
 RT: 8.939 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN029081.D
 Acq: 07 Dec 2023 07:38

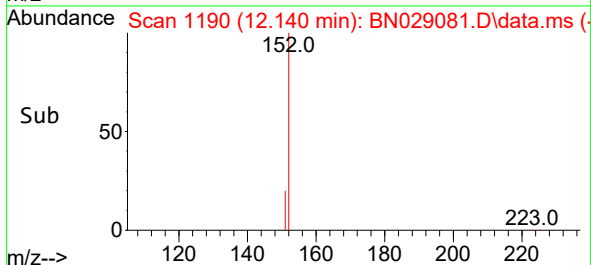
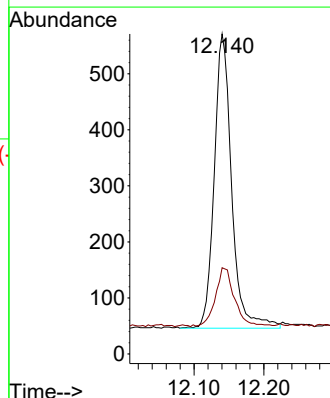
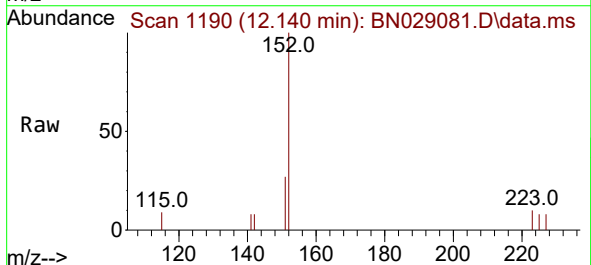
Instrument :
 BNA_N
 ClientSampleId :
 P3874-SP0

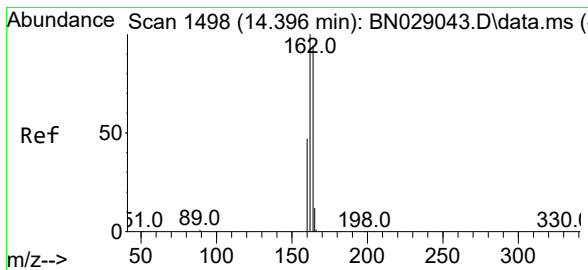
Tgt Ion: 82 Resp: 618
 Ion Ratio Lower Upper
 82 100
 128 46.5 28.2 42.4#
 54 43.8 32.1 48.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.264 ng
 RT: 12.140 min Scan# 1190
 Delta R.T. -0.007 min
 Lab File: BN029081.D
 Acq: 07 Dec 2023 07:38

Tgt Ion:152 Resp: 913
 Ion Ratio Lower Upper
 152 100
 151 22.0 17.4 26.0

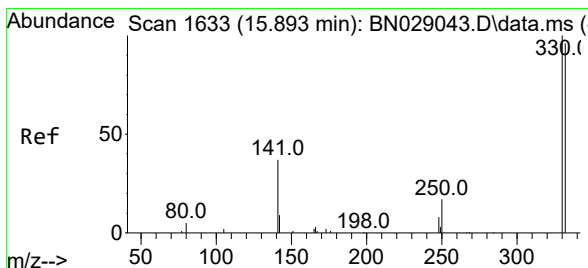
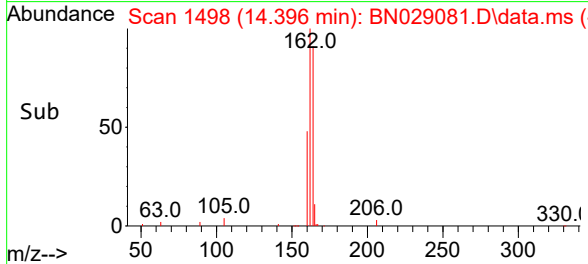
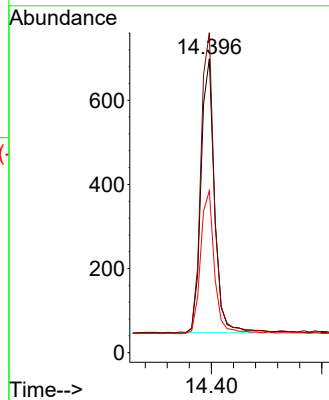
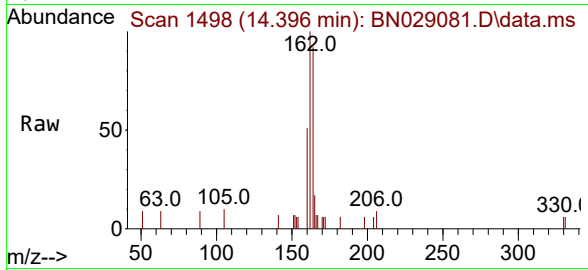




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.396 min Scan# 1498
 Delta R.T. 0.000 min
 Lab File: BN029081.D
 Acq: 07 Dec 2023 07:38

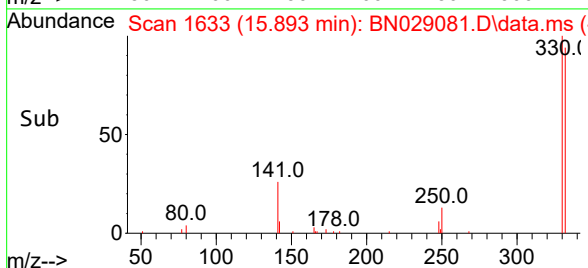
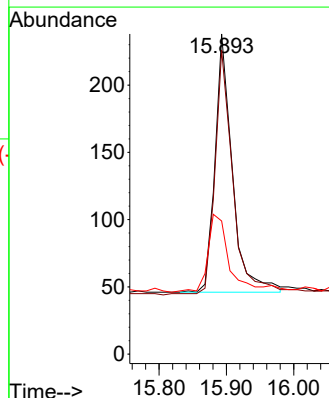
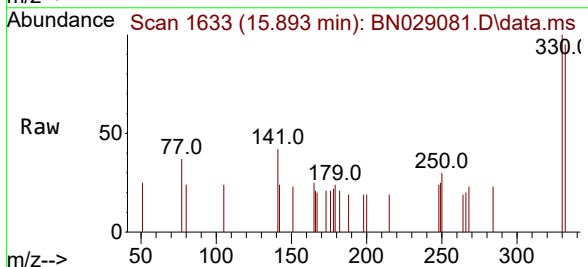
Instrument :
 BNA_N
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 P3874-SP0

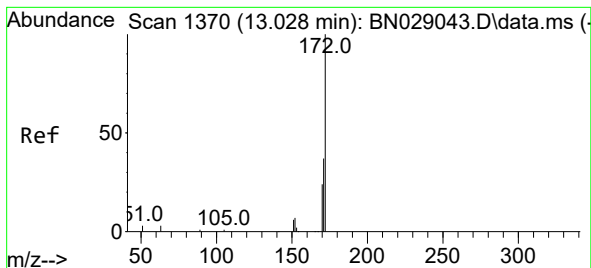
Tgt Ion:	164	Resp:	1123
Ion	Ratio	Lower	Upper
164	100		
162	108.9	85.0	127.6
160	55.1	41.3	61.9



#14
 2,4,6-Tribromophenol
 Concen: 0.278 ng
 RT: 15.893 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: BN029081.D
 Acq: 07 Dec 2023 07:38

Tgt Ion:	330	Resp:	345
Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.8	118.2
141	38.6	28.7	43.1





#15

2-Fluorobiphenyl

Concen: 0.419 ng

RT: 13.028 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN029081.D

Acq: 07 Dec 2023 07:38

Instrument :

BNA_N

ClientSampleId :

P3874-SP0

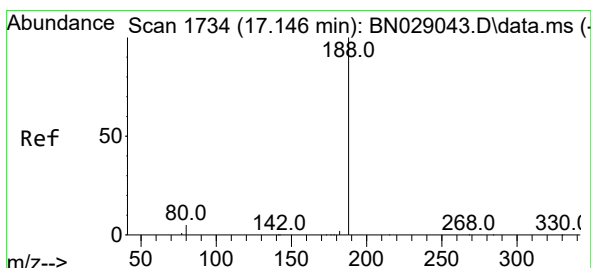
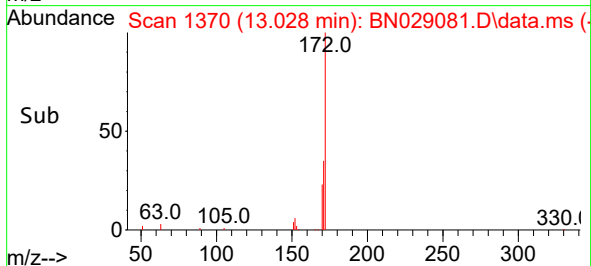
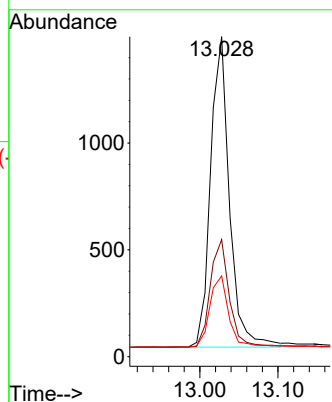
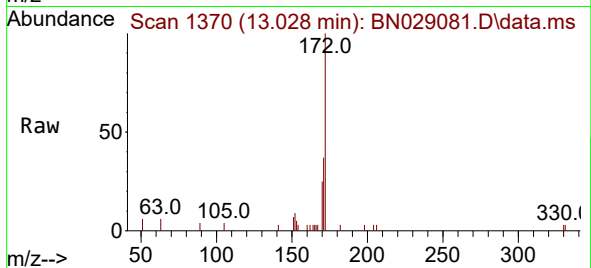
Tgt Ion:172 Resp: 2434

Ion Ratio Lower Upper

172 100

171 36.6 30.1 45.1

170 25.2 20.3 30.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.147 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN029081.D

Acq: 07 Dec 2023 07:38

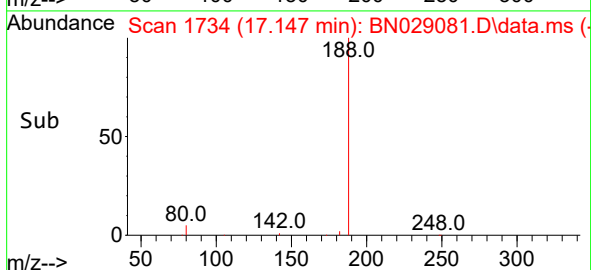
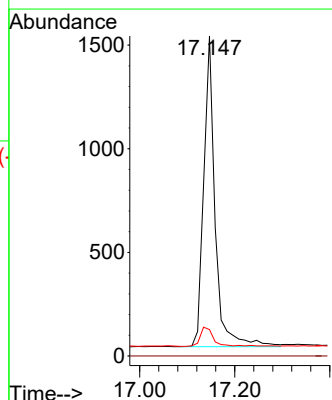
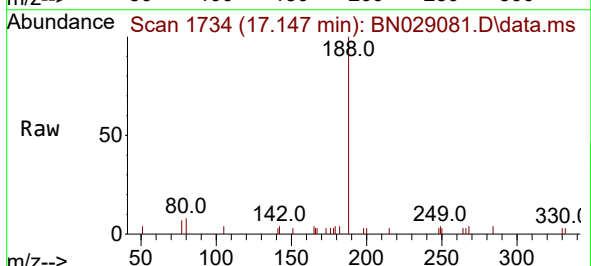
Tgt Ion:188 Resp: 2504

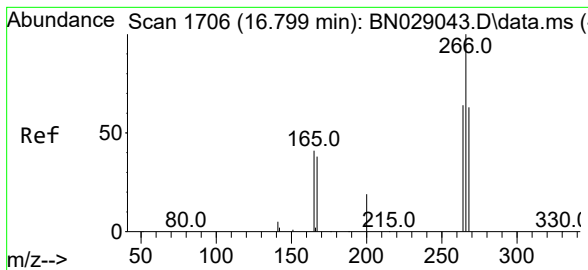
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 5.4 8.0#

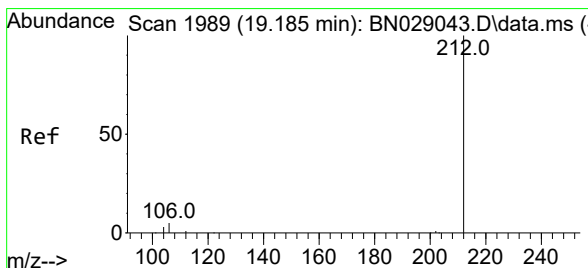
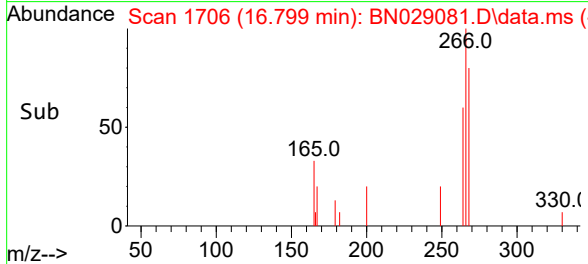
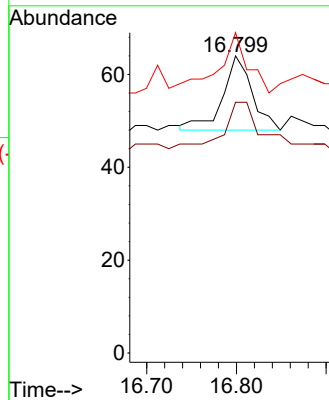
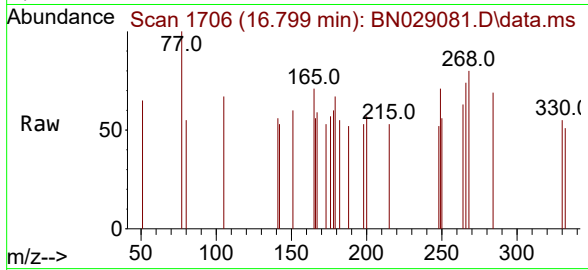




#24
 Pentachlorophenol
 Concen: 0.026 ng
 RT: 16.799 min Scan# 1706
 Delta R.T. 0.000 min
 Lab File: BN029081.D
 Acq: 07 Dec 2023 07:38

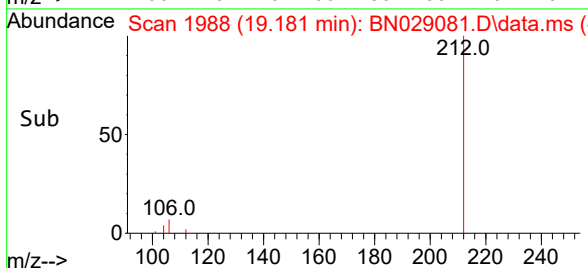
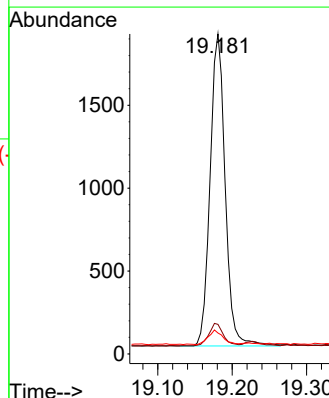
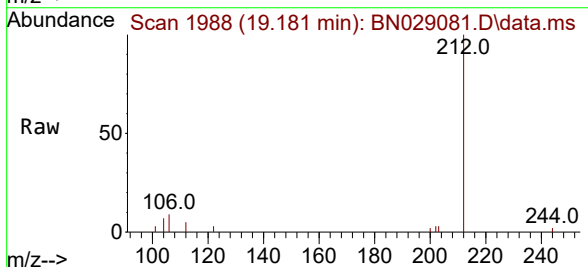
Instrument :
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 P3874-SP0

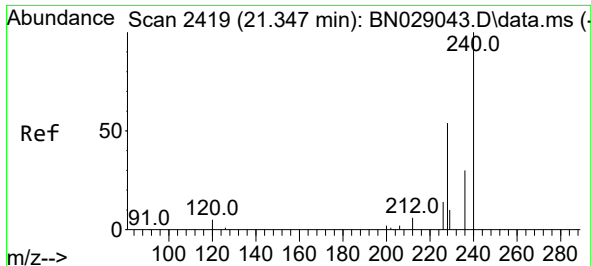
Tgt Ion:266 Resp: 36
 Ion Ratio Lower Upper
 266 100
 264 80.6 50.7 76.1#
 268 80.6 49.5 74.3#



#27
 Fluoranthene-d10
 Concen: 0.338 ng
 RT: 19.181 min Scan# 1988
 Delta R.T. -0.004 min
 Lab File: BN029081.D
 Acq: 07 Dec 2023 07:38

Tgt Ion:212 Resp: 2660
 Ion Ratio Lower Upper
 212 100
 106 6.9 3.9 5.9#
 104 4.5 2.6 3.8#

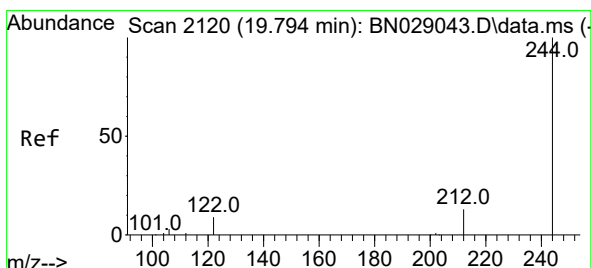
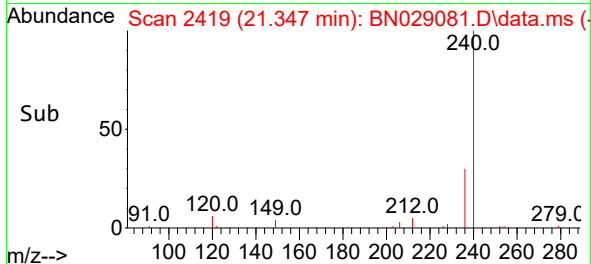
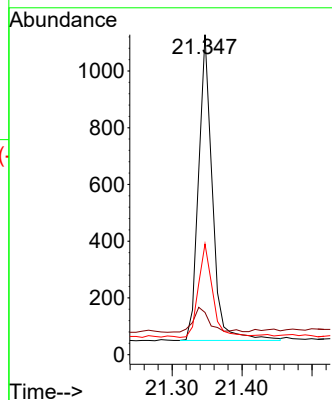
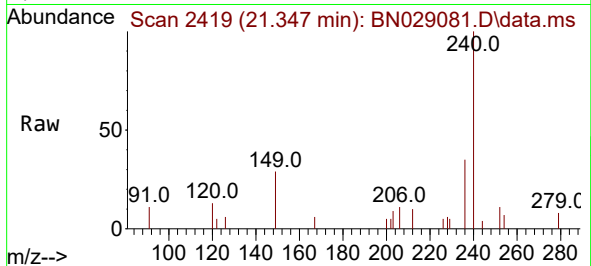




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BN029081.D
Acq: 07 Dec 2023 07:38

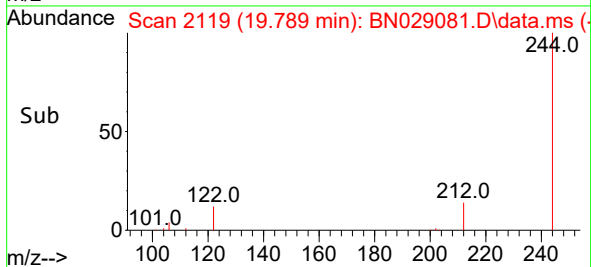
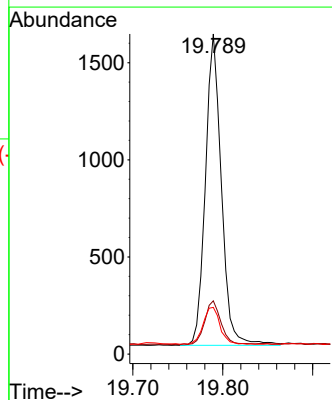
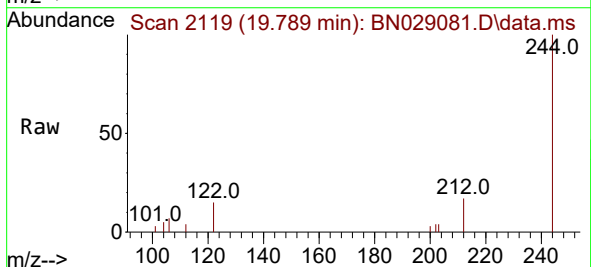
Instrument :
BNA_N
ClientSampleId :
P3874-SP0

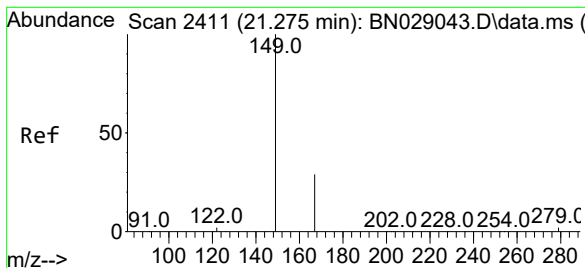
Tgt Ion:240 Resp: 1483
Ion Ratio Lower Upper
240 100
120 13.2 6.7 10.1#
236 34.6 25.7 38.5



#31
Terphenyl-d14
Concen: 0.528 ng
RT: 19.789 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BN029081.D
Acq: 07 Dec 2023 07:38

Tgt Ion:244 Resp: 1981
Ion Ratio Lower Upper
244 100
212 16.6 11.6 17.4
122 14.6 8.2 12.4#

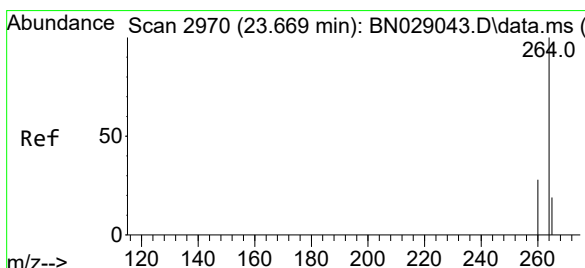
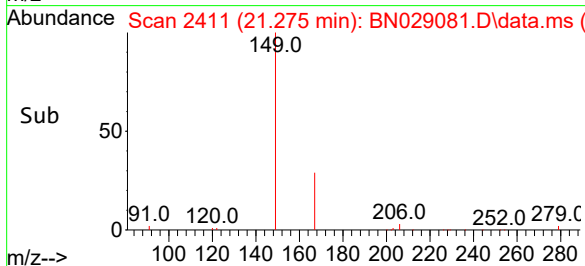
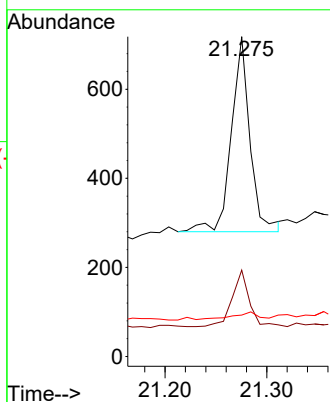
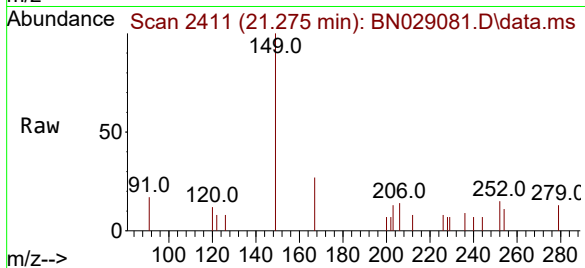




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.120 ng
 RT: 21.275 min Scan# 2411
 Delta R.T. 0.000 min
 Lab File: BN029081.D
 Acq: 07 Dec 2023 07:38

Instrument :
 BNA_N
 ClientSampleId :
 P3874-SP0

Tgt Ion:149 Resp: 558
 Ion Ratio Lower Upper
 149 100
 167 26.5 23.4 35.2
 279 5.0 3.4 5.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.664 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BN029081.D
 Acq: 07 Dec 2023 07:38

Tgt Ion:264 Resp: 1567
 Ion Ratio Lower Upper
 264 100
 260 32.7 23.9 35.9
 265 100.8 52.7 79.1#

