

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
 Data File : BN026731.D
 Acq On : 25 Jul 2023 03:02
 Operator : MA/JU
 Sample : 03630-03
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230713

Quant Time: Jul 25 03:38:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 23:51:48 2023
 Response via : Initial Calibration

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

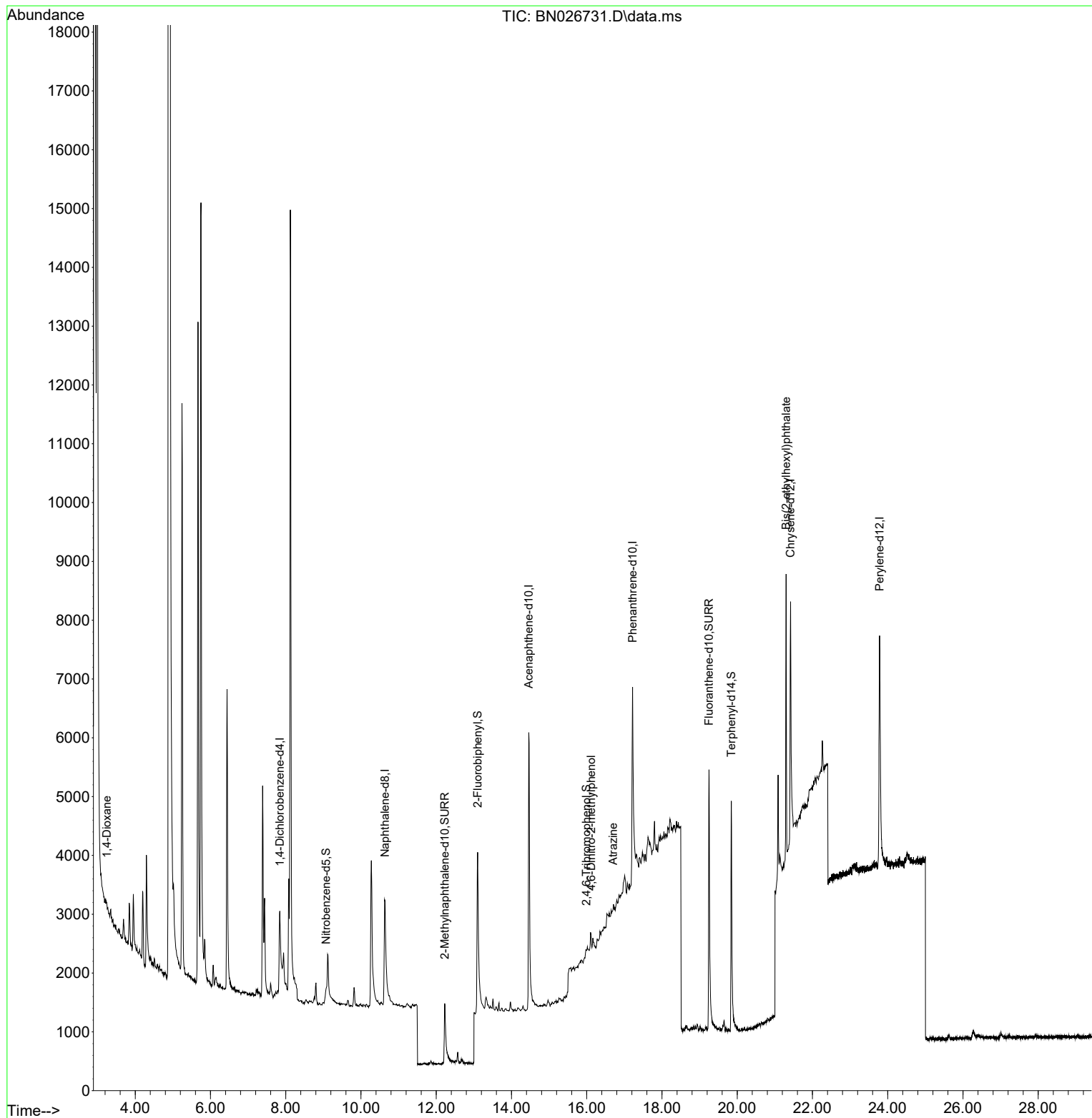
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	1627	0.400	ng	0.00
7) Naphthalene-d8	10.639	136	5113	0.400	ng	# 0.01
13) Acenaphthene-d10	14.459	164	3860	0.400	ng	0.00
19) Phenanthrene-d10	17.219	188	7799	0.400	ng	0.00
29) Chrysene-d12	21.417	240	6034	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	7200	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.416	112	41	0.010	ng	0.00
5) Phenol-d6	7.026	99	1	0.000	ng	-0.01
8) Nitrobenzene-d5	9.070	82	320	0.073	ng	0.03
11) 2-Methylnaphthalene-d10	12.226	152	2730	0.365	ng	0.00
14) 2,4,6-Tribromophenol	15.991	330	60	0.043	ng	0.01
15) 2-Fluorobiphenyl	13.101	172	4261	0.286	ng	0.00
27) Fluoranthene-d10	19.249	212	7812	0.473	ng	0.00
31) Terphenyl-d14	19.844	244	6385	0.413	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.242	88	150	0.087	ng	# 49
20) 4,6-Dinitro-2-methylph...	16.115	198	4	0.061	ng	# 1
23) Atrazine	16.698	200	84	0.022	ng	# 2
34) Bis(2-ethylhexyl)phtha...	21.300	149	4456	0.230	ng	# 94

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

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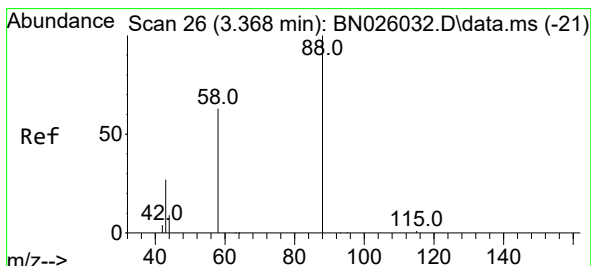
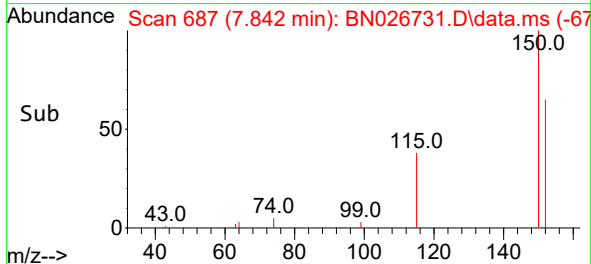
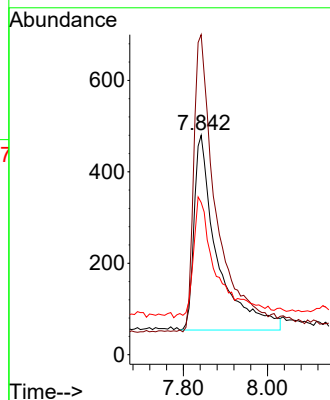
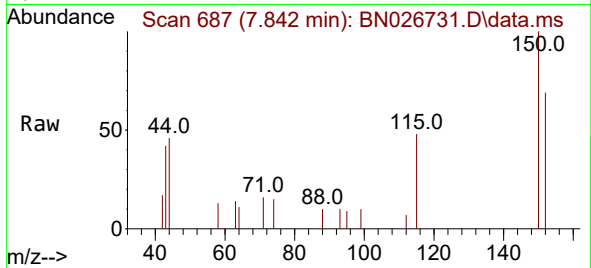




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.842 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN026731.D
 Acq: 25 Jul 2023 03:02

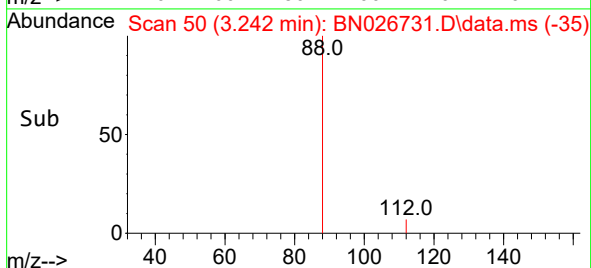
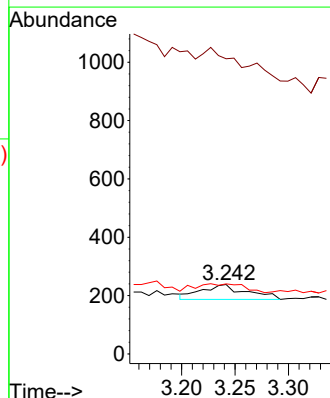
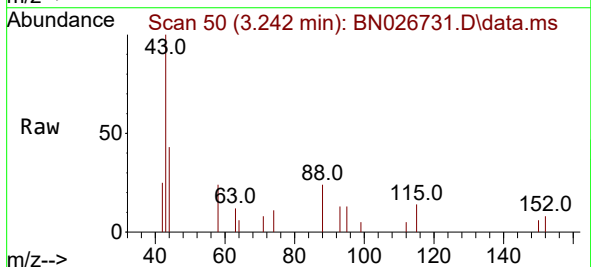
Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230713

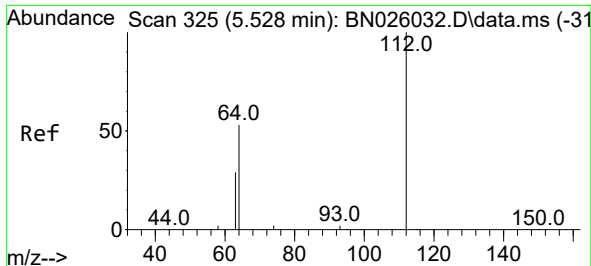
Tgt Ion:152 Resp: 1627
 Ion Ratio Lower Upper
 152 100
 150 145.8 124.7 187.1
 115 69.4 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.087 ng
 RT: 3.242 min Scan# 50
 Delta R.T. 0.007 min
 Lab File: BN026731.D
 Acq: 25 Jul 2023 03:02

Tgt Ion: 88 Resp: 150
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.2 36.4#
 58 28.0 53.3 79.9#

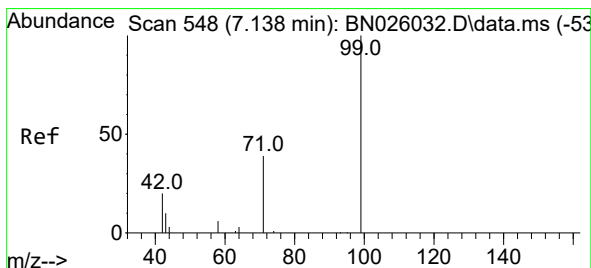
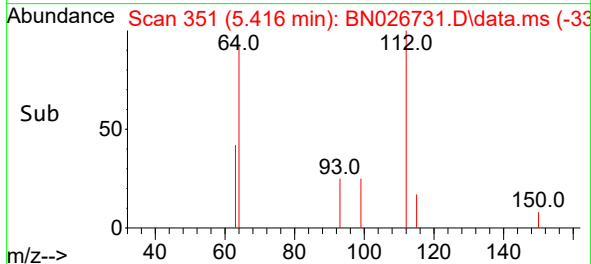
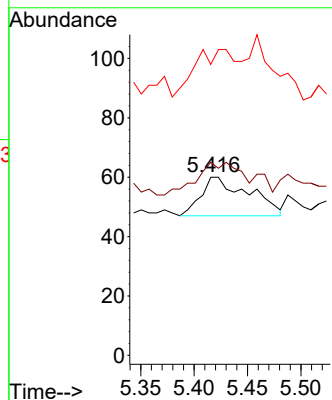
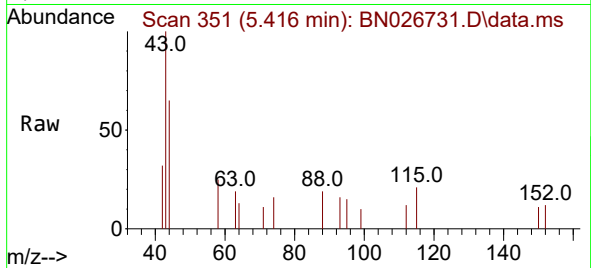




#4
2-Fluorophenol
Concen: 0.010 ng
RT: 5.416 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

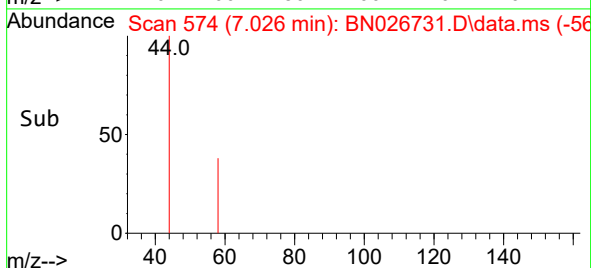
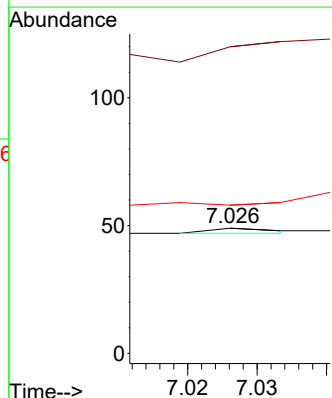
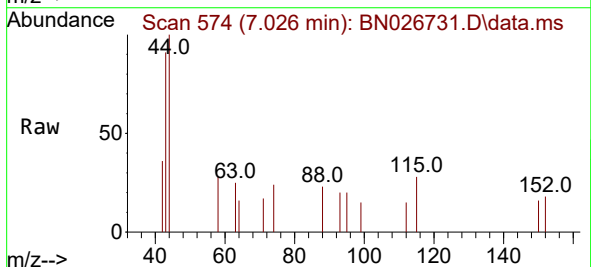
Instrument :
BNA_N
ClientSampleId :
SP-303-20230713

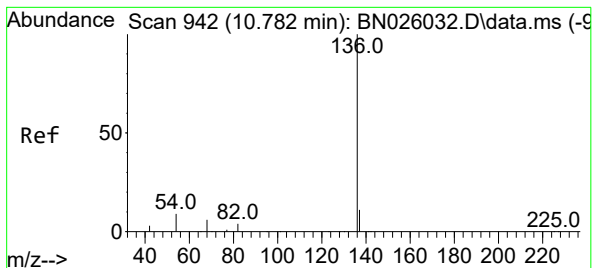
Tgt Ion:112 Resp: 41
Ion Ratio Lower Upper
112 100
64 92.7 45.8 68.6#
63 109.8 27.4 41.2#



#5
Phenol-d6
Concen: 0.000 ng
RT: 7.026 min Scan# 574
Delta R.T. -0.014 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

Tgt Ion: 99 Resp: 1
Ion Ratio Lower Upper
99 100
42 2100.0 18.4 27.6#
71 1100.0 30.6 46.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.639 min Scan# 91

Delta R.T. 0.011 min

Lab File: BN026731.D

Acq: 25 Jul 2023 03:02

Instrument :

BNA_N

ClientSampleId :

SP-303-20230713

Tgt Ion:136 Resp: 5113

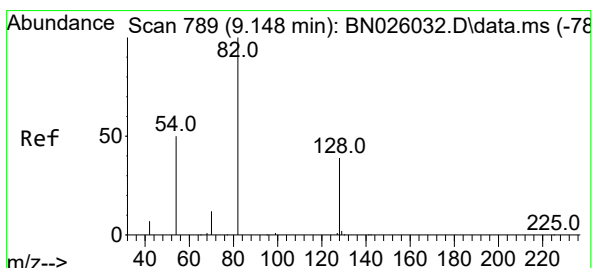
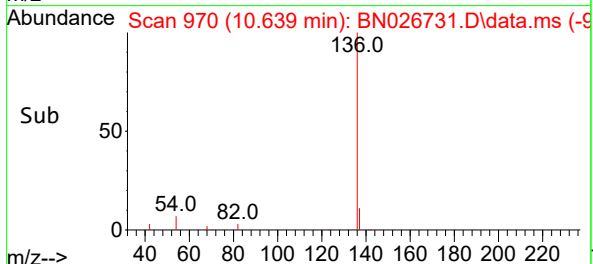
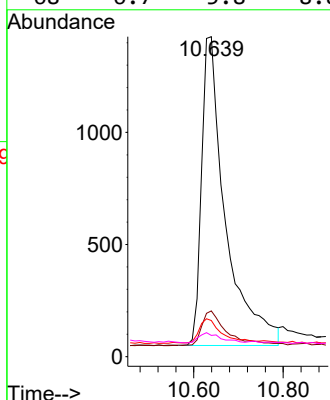
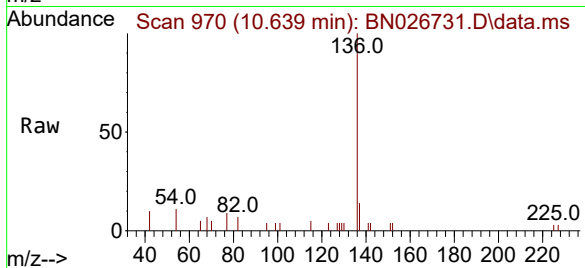
Ion Ratio Lower Upper

136 100

137 14.3 9.0 13.4#

54 11.3 7.8 11.6

68 6.7 5.8 8.8



#8

Nitrobenzene-d5

Concen: 0.073 ng

RT: 9.070 min Scan# 823

Delta R.T. 0.032 min

Lab File: BN026731.D

Acq: 25 Jul 2023 03:02

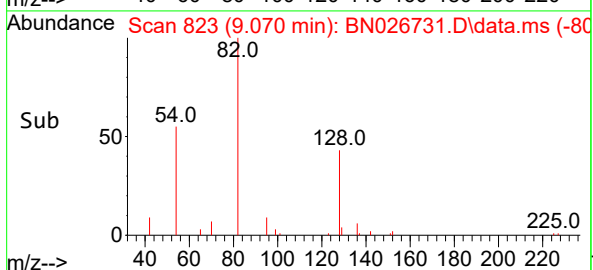
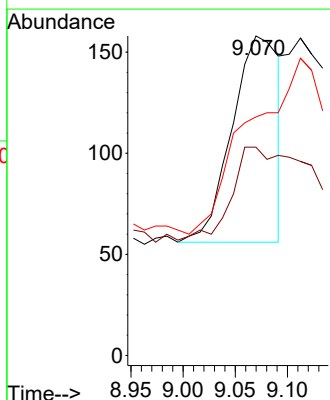
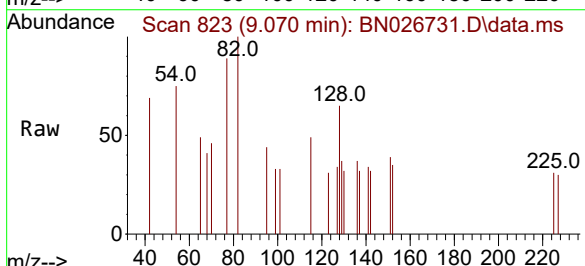
Tgt Ion: 82 Resp: 320

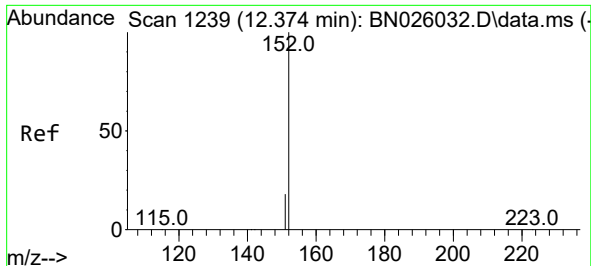
Ion Ratio Lower Upper

82 100

128 65.2 33.4 50.2#

54 74.7 41.7 62.5#

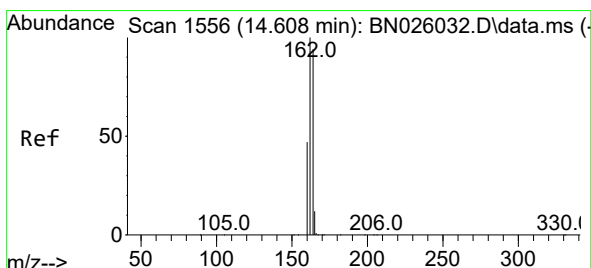
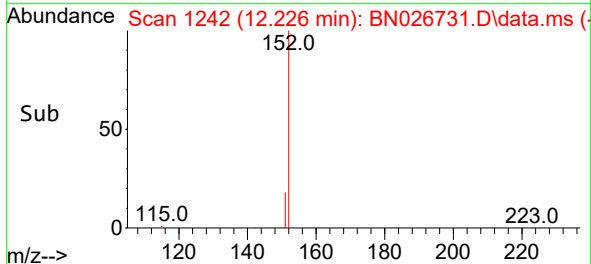
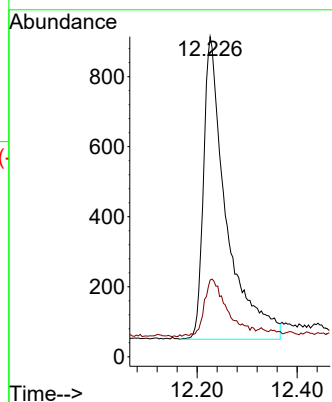
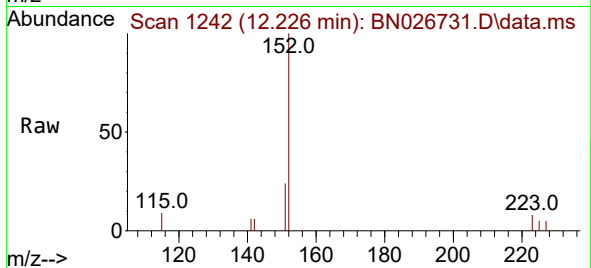




#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.226 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

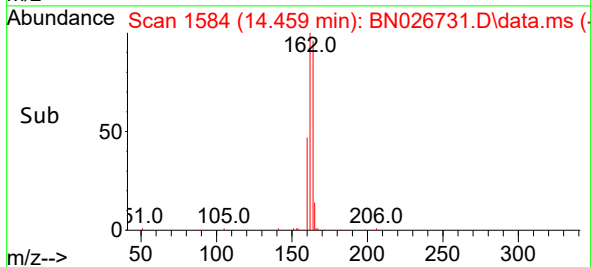
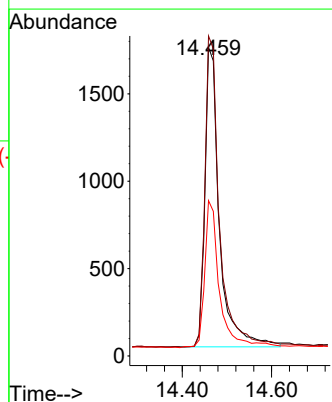
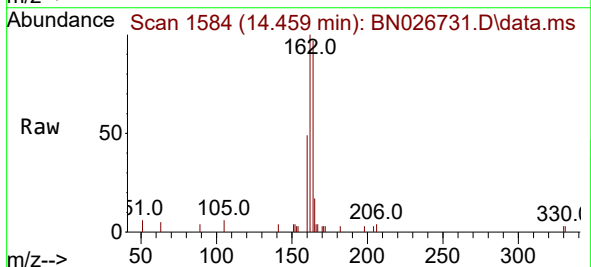
Instrument :
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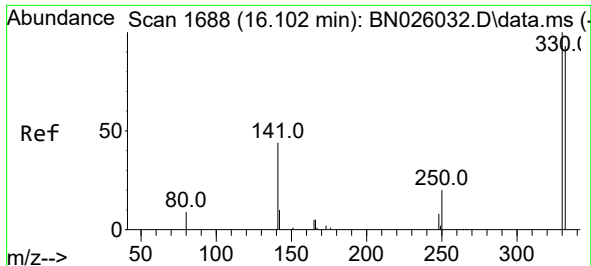
Tgt Ion:152 Resp: 2730
Ion Ratio Lower Upper
152 100
151 18.7 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.459 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

Tgt Ion:164 Resp: 3860
Ion Ratio Lower Upper
164 100
162 103.6 85.3 127.9
160 50.3 40.0 60.0

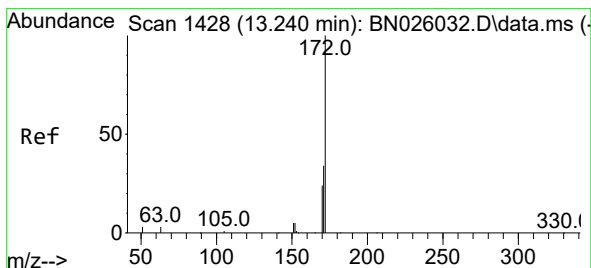
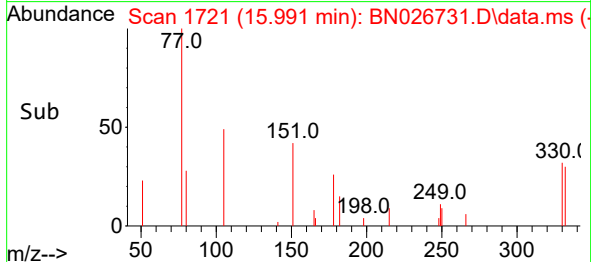
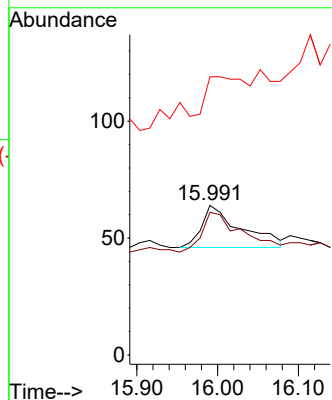
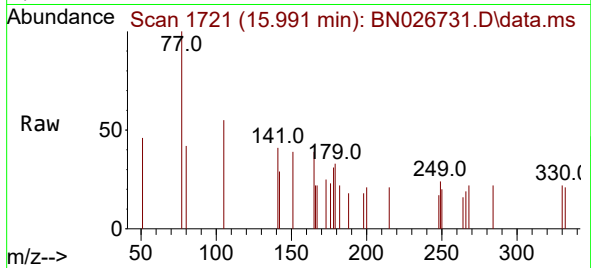




#14
2,4,6-Tribromophenol
Concen: 0.043 ng
RT: 15.991 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

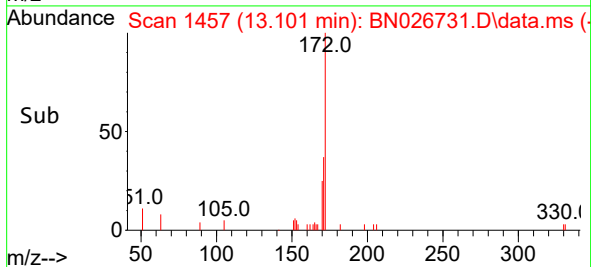
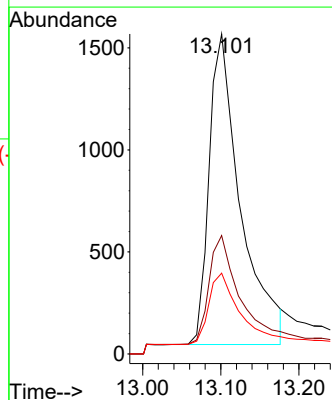
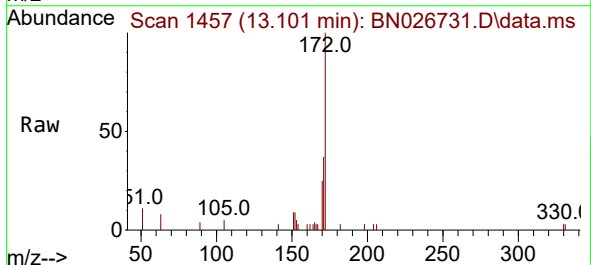
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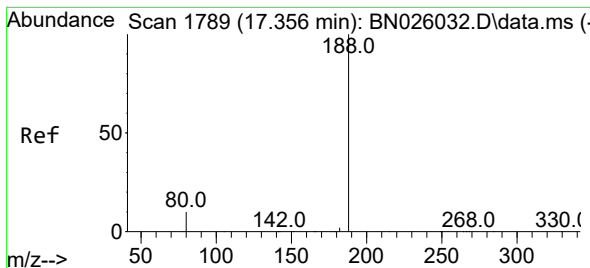
Tgt Ion:330 Resp: 60
Ion Ratio Lower Upper
330 100
332 100.0 76.0 114.0
141 185.0 42.8 64.2#



#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 13.101 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

Tgt Ion:172 Resp: 4261
Ion Ratio Lower Upper
172 100
171 37.0 27.8 41.8
170 25.3 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.219 min Scan# 1731

Delta R.T. 0.000 min

Lab File: BN026731.D

Acq: 25 Jul 2023 03:02

Instrument :

BNA_N

ClientSampleId :

SP-303-20230713

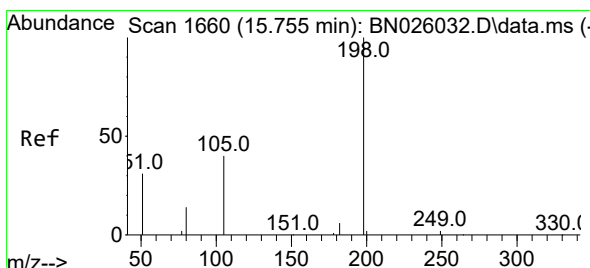
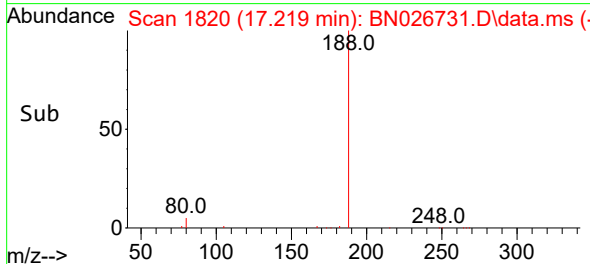
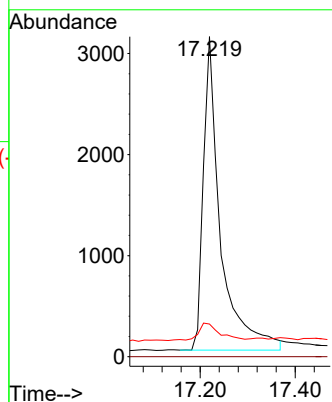
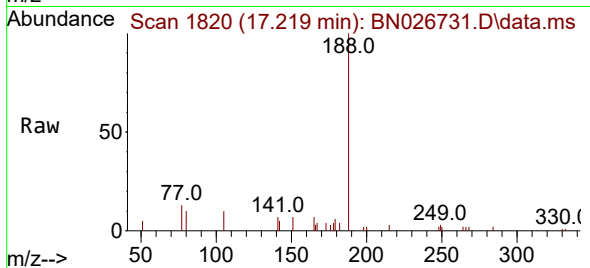
Tgt Ion:188 Resp: 7799

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.2 8.6 13.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.061 ng

RT: 16.115 min Scan# 1731

Delta R.T. -0.037 min

Lab File: BN026731.D

Acq: 25 Jul 2023 03:02

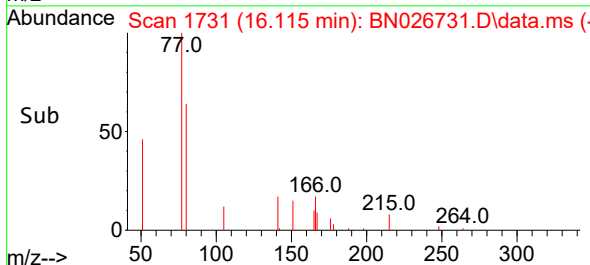
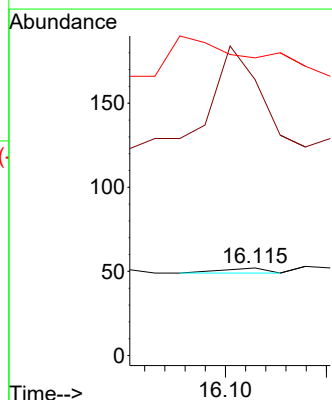
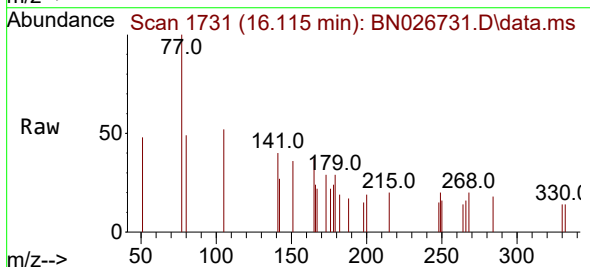
Tgt Ion:198 Resp: 4

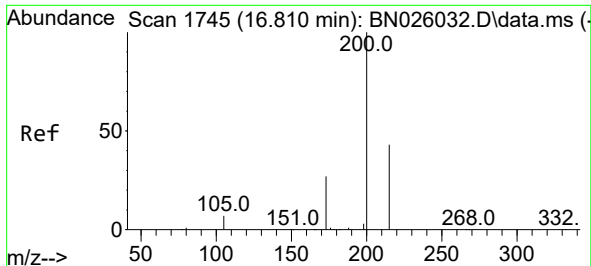
Ion Ratio Lower Upper

198 100

51 315.4 85.8 128.8#

105 340.4 48.2 72.2#

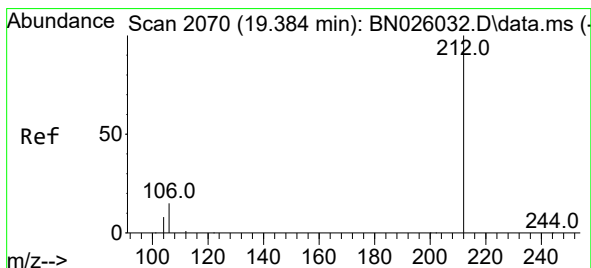
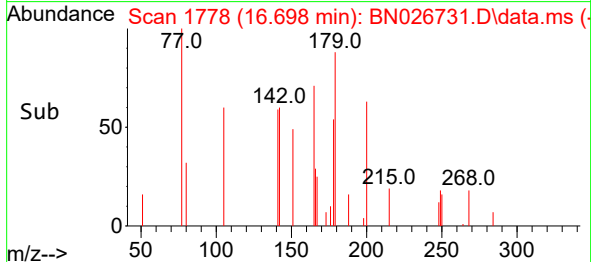
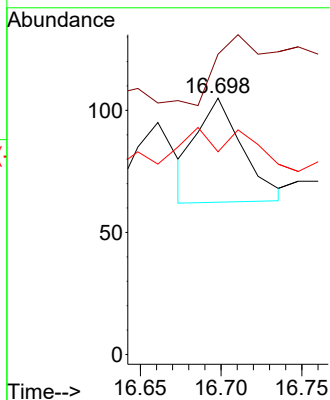
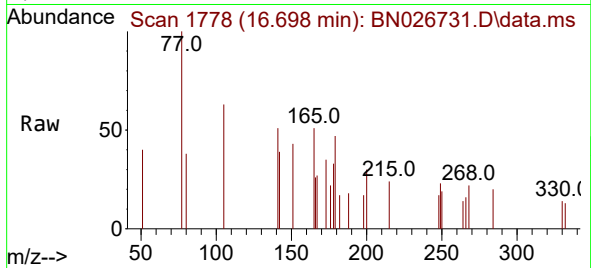




#23
 Atrazine
 Concen: 0.022 ng
 RT: 16.698 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: BN026731.D
 Acq: 25 Jul 2023 03:02

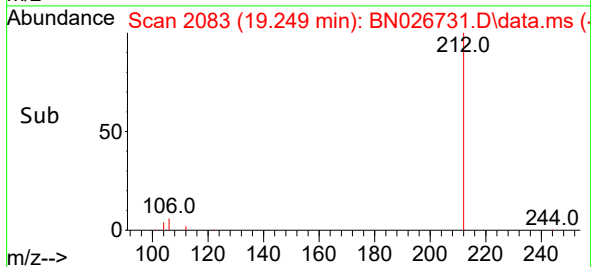
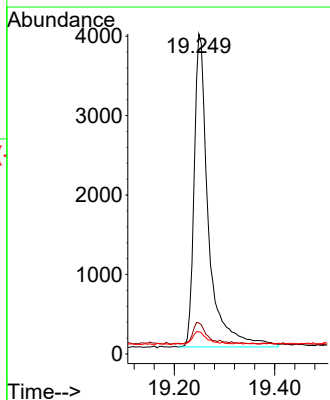
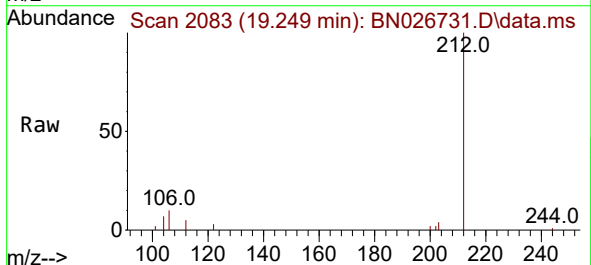
Instrument :
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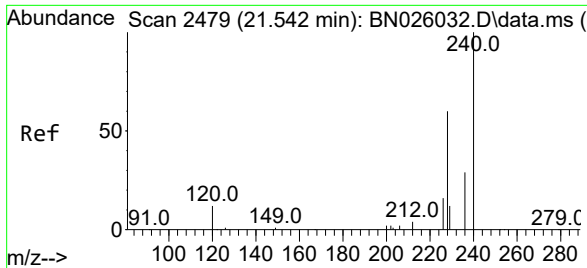
Tgt Ion:200 Resp: 84
 Ion Ratio Lower Upper
 200 100
 173 117.1 22.9 34.3#
 215 79.0 35.5 53.3#



#27
 Fluoranthene-d10
 Concen: 0.473 ng
 RT: 19.249 min Scan# 2083
 Delta R.T. 0.000 min
 Lab File: BN026731.D
 Acq: 25 Jul 2023 03:02

Tgt Ion:212 Resp: 7812
 Ion Ratio Lower Upper
 212 100
 106 7.0 11.6 17.4#
 104 4.5 7.2 10.8#

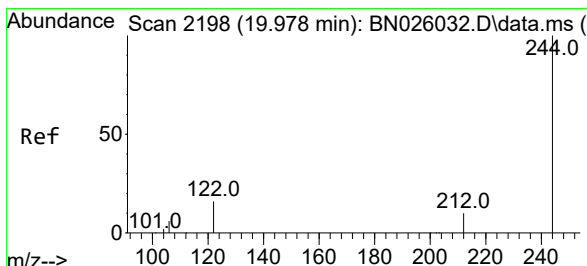
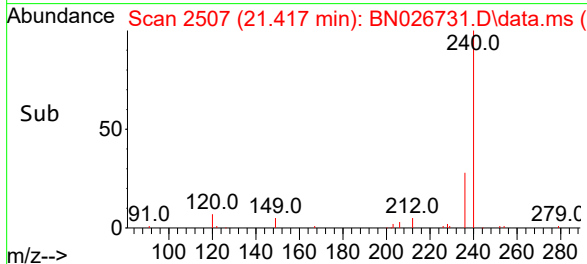
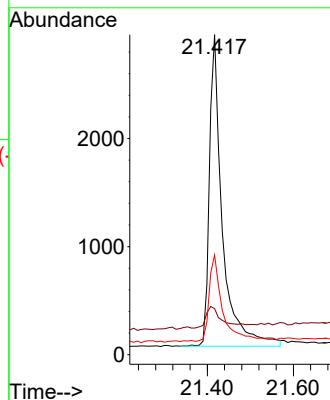
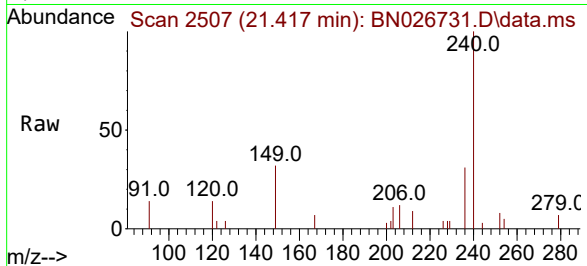




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.417 min Scan# 2111
Delta R.T. 0.009 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

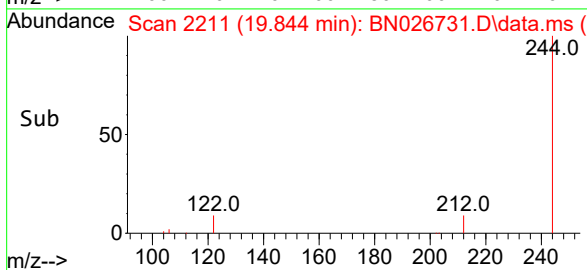
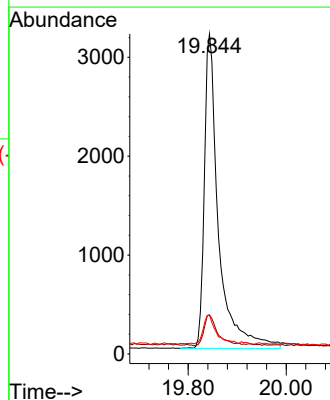
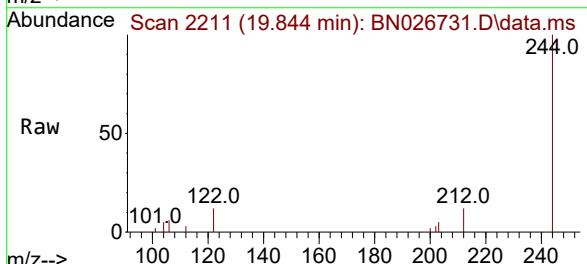
Instrument :
BNA_N
ClientSampleId :
SP-303-20230713

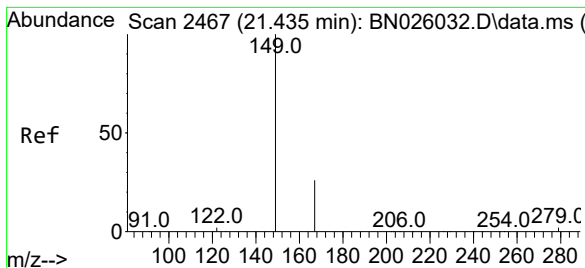
Tgt Ion:240 Resp: 6034
Ion Ratio Lower Upper
240 100
120 14.4 14.6 22.0#
236 31.2 24.2 36.2



#31
Terphenyl-d14
Concen: 0.413 ng
RT: 19.844 min Scan# 2211
Delta R.T. -0.004 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

Tgt Ion:244 Resp: 6385
Ion Ratio Lower Upper
244 100
212 12.2 8.7 13.1
122 12.2 13.7 20.5#

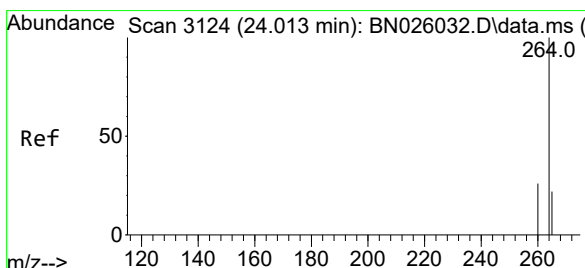
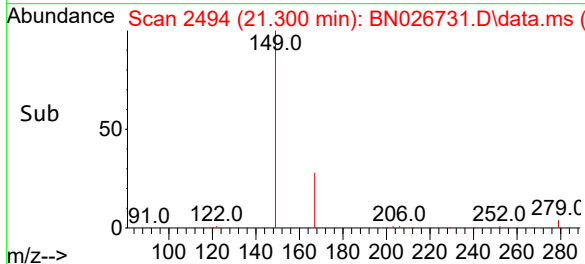
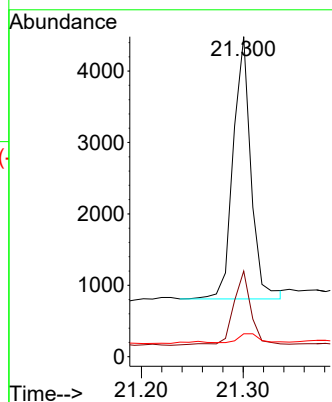
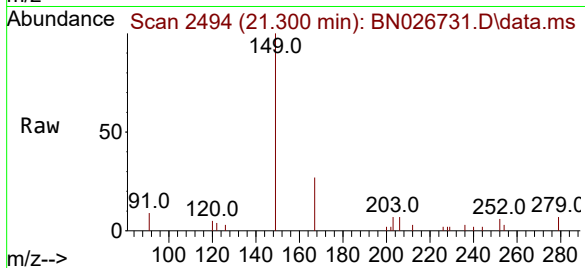




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.230 ng
 RT: 21.300 min Scan# 2467
 Delta R.T. 0.000 min
 Lab File: BN026731.D
 Acq: 25 Jul 2023 03:02

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230713

Tgt Ion:149 Resp: 4456
 Ion Ratio Lower Upper
 149 100
 167 28.3 20.2 30.4
 279 4.2 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.785 min Scan# 3088
 Delta R.T. 0.003 min
 Lab File: BN026731.D
 Acq: 25 Jul 2023 03:02

Tgt Ion:264 Resp: 7200
 Ion Ratio Lower Upper
 264 100
 260 27.5 21.9 32.9
 265 95.2 80.3 120.5

