

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
 Data File : BN029838.D
 Acq On : 16 Feb 2024 22:01
 Operator : MA/JU
 Sample : P1438-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-191-GW-718-720

Quant Time: Feb 16 23:59:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

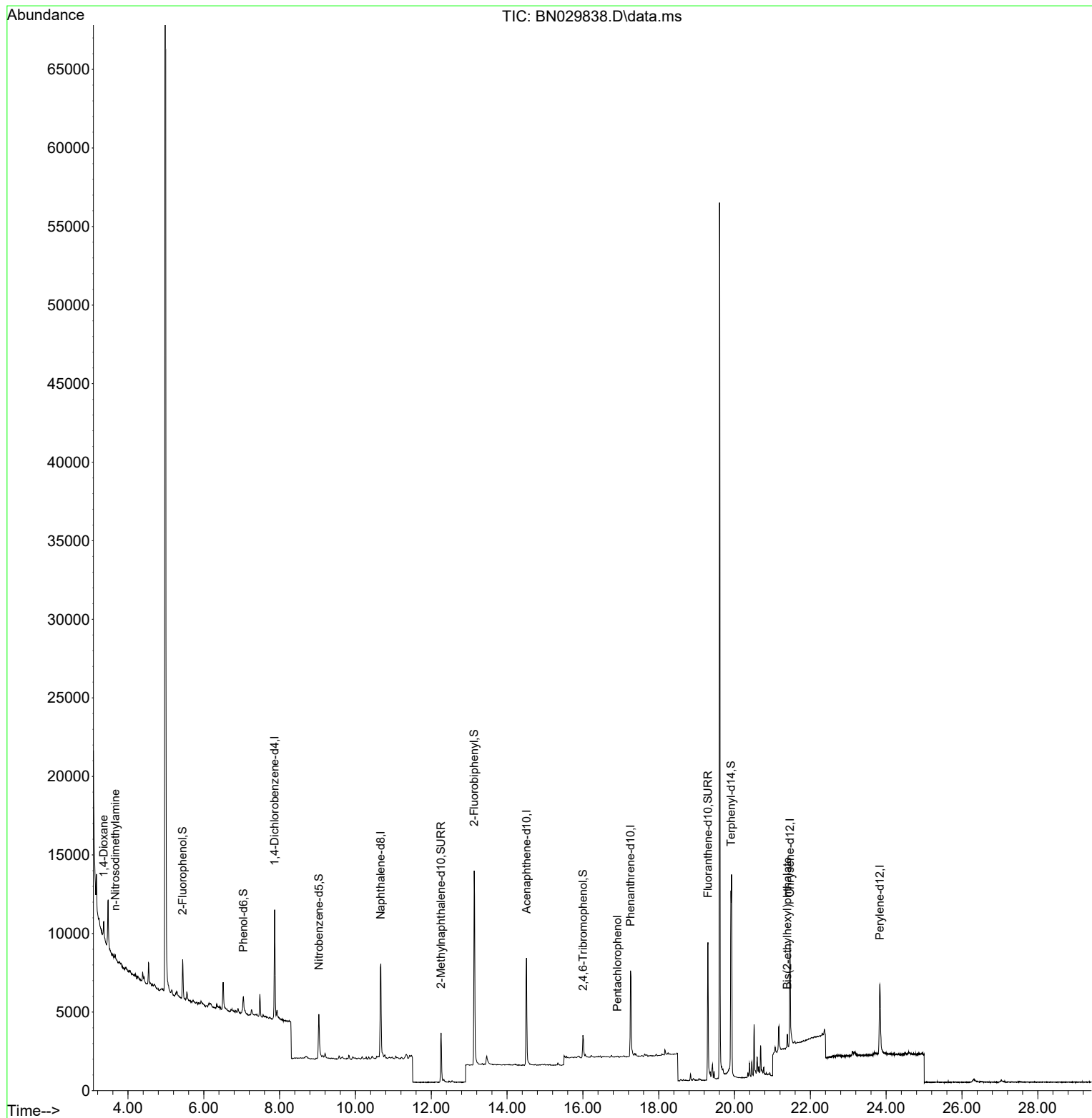
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	3585	0.400	ng	0.00
7) Naphthalene-d8	10.669	136	9278	0.400	ng	0.00
13) Acenaphthene-d10	14.511	164	4381	0.400	ng	0.00
19) Phenanthrene-d10	17.256	188	9025	0.400	ng	# 0.00
29) Chrysene-d12	21.465	240	7673	0.400	ng	# 0.00
35) Perylene-d12	23.832	264	7597	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	1995	0.232	ng	0.00
5) Phenol-d6	7.046	99	1386	0.139	ng	0.00
8) Nitrobenzene-d5	9.036	82	3093	0.400	ng	0.00
11) 2-Methylnaphthalene-d10	12.257	152	4809	0.381	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	886	0.630	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	12263	0.652	ng	0.00
27) Fluoranthene-d10	19.299	212	10641	0.487	ng	0.00
31) Terphenyl-d14	19.907	244	10950	0.575	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.362	88	733	0.145	ng	# 76
3) n-Nitrosodimethylamine	3.666	42	122	0.030	ng	# 22
24) Pentachlorophenol	16.908	266	69	0.033	ng	# 68
34) Bis(2-ethylhexyl)phtha...	21.394	149	919	0.051	ng	# 92

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

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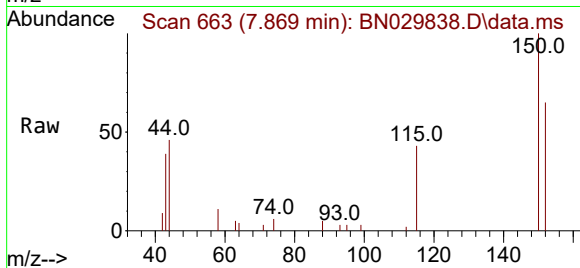
Quant Time: Feb 16 23:59:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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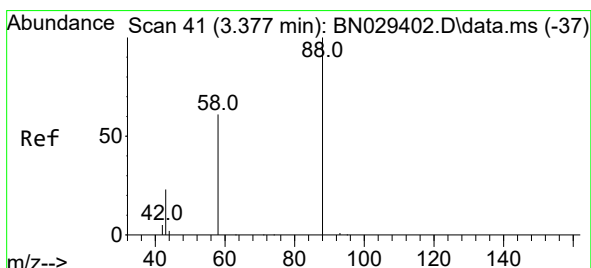
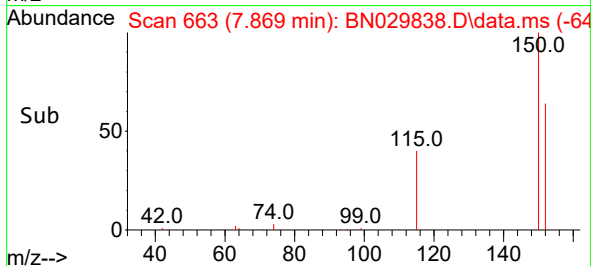
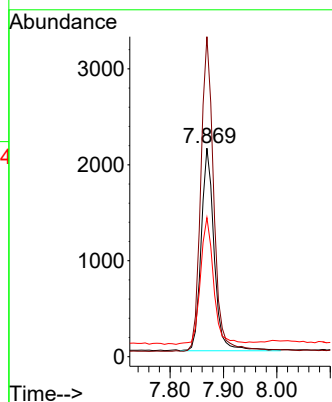


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN029838.D
Acq: 16 Feb 2024 22:01

Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-718-720

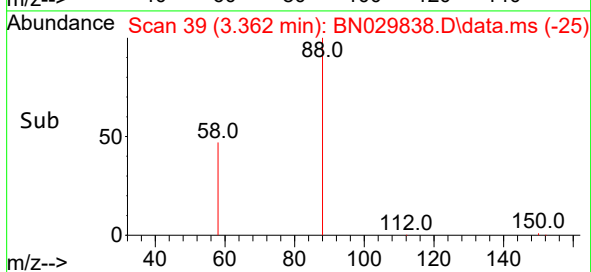
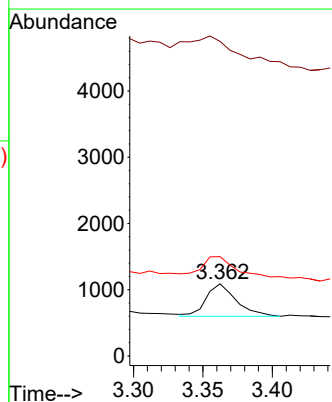
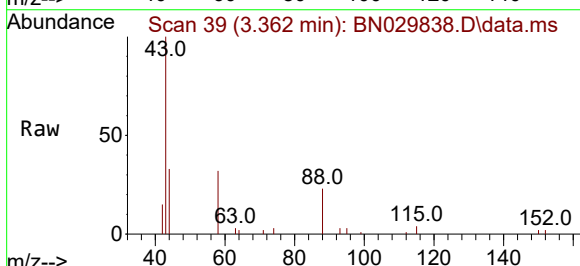


Tgt Ion:152 Resp: 3585
Ion Ratio Lower Upper
152 100
150 153.5 123.0 184.4
115 66.7 51.4 77.0



#2
1,4-Dioxane
Concen: 0.145 ng
RT: 3.362 min Scan# 39
Delta R.T. 0.000 min
Lab File: BN029838.D
Acq: 16 Feb 2024 22:01

Tgt Ion: 88 Resp: 733
Ion Ratio Lower Upper
88 100
43 0.0 23.3 34.9#
58 76.3 53.8 80.6

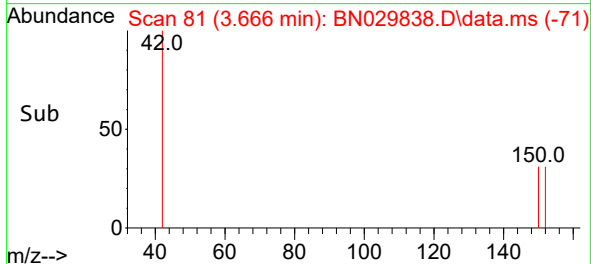
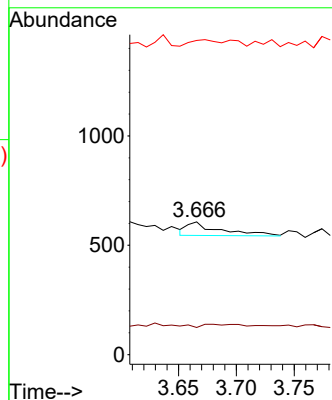
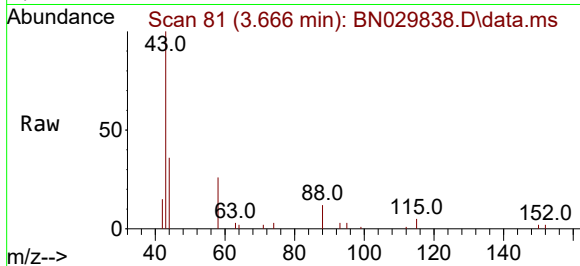




#3
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.666 min Scan# 81
Delta R.T. -0.029 min
Lab File: BN029838.D
Acq: 16 Feb 2024 22:01

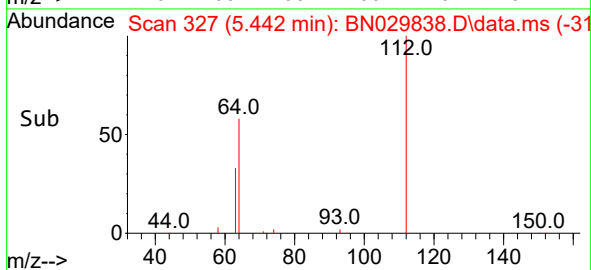
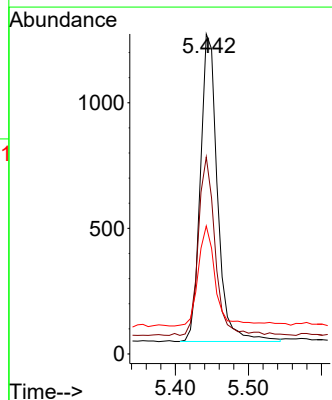
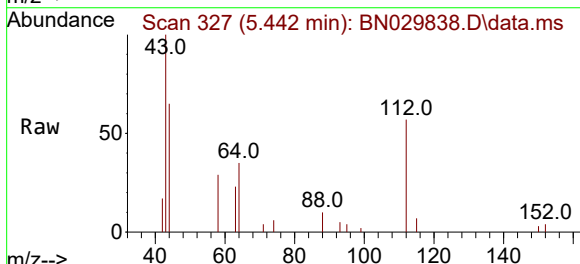
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-718-720

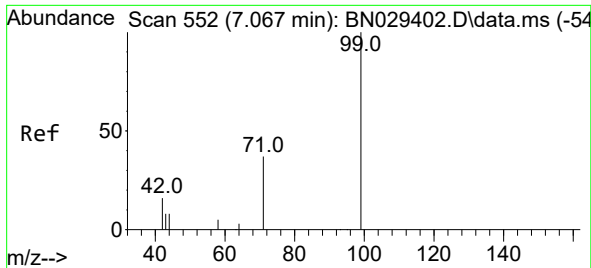
Tgt Ion: 42 Resp: 122
Ion Ratio Lower Upper
42 100
74 30.3 93.7 140.5#
44 44.3 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.232 ng
RT: 5.442 min Scan# 327
Delta R.T. 0.000 min
Lab File: BN029838.D
Acq: 16 Feb 2024 22:01

Tgt Ion: 112 Resp: 1995
Ion Ratio Lower Upper
112 100
64 57.2 47.2 70.8
63 32.4 25.8 38.6

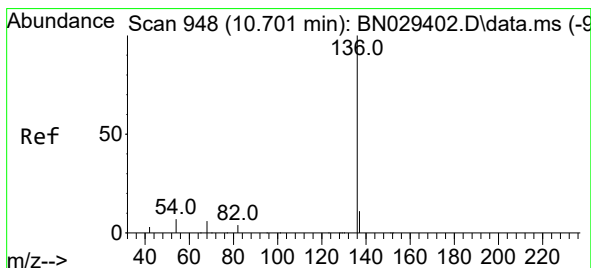
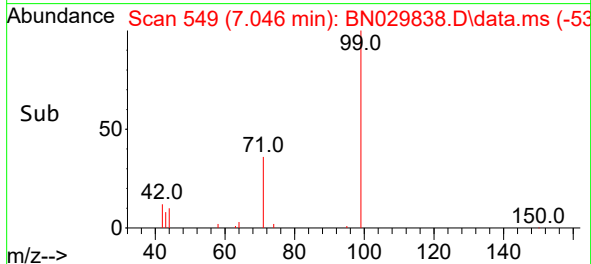
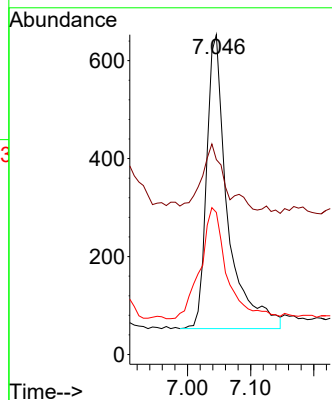
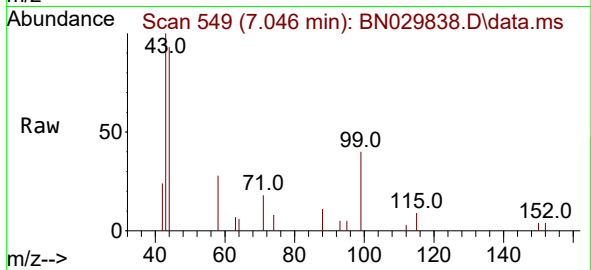




#5
Phenol-d6
Concen: 0.139 ng
RT: 7.046 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN029838.D
Acq: 16 Feb 2024 22:01

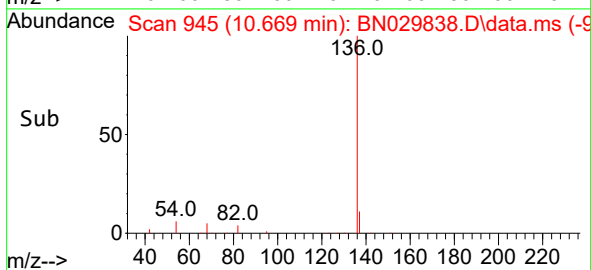
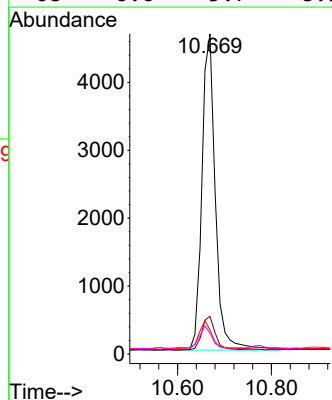
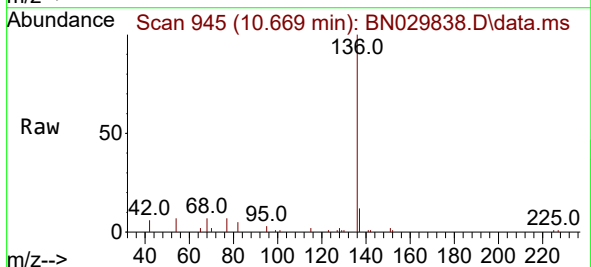
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-718-720

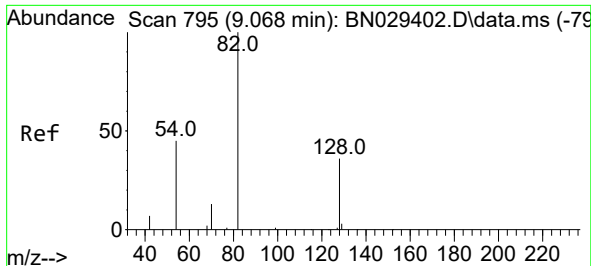
Tgt Ion: 99 Resp: 1386
Ion Ratio Lower Upper
99 100
42 25.5 16.9 25.3#
71 47.8 30.0 45.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.669 min Scan# 945
Delta R.T. 0.000 min
Lab File: BN029838.D
Acq: 16 Feb 2024 22:01

Tgt Ion:136 Resp: 9278
Ion Ratio Lower Upper
136 100
137 11.8 9.7 14.5
54 7.5 6.6 10.0
68 6.6 5.7 8.5

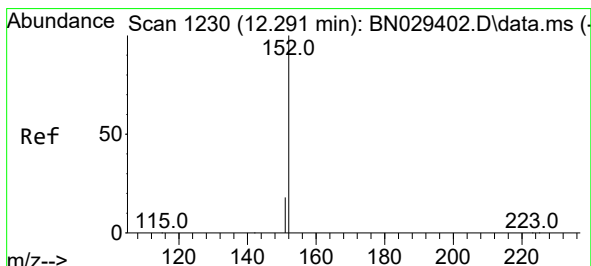
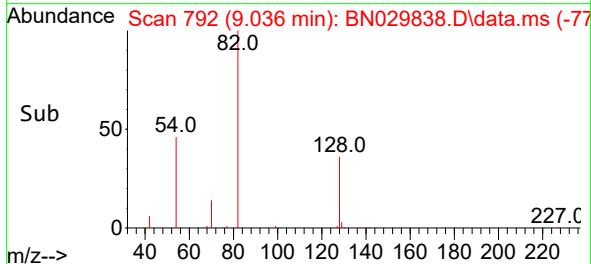
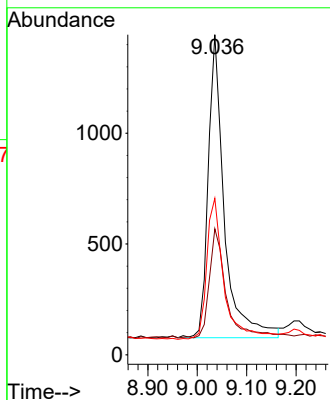
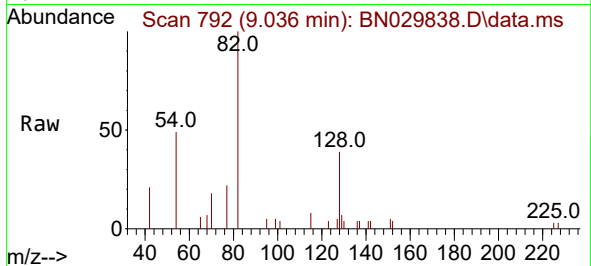




#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 9.036 min Scan# 795
Delta R.T. 0.000 min
Lab File: BN029838.D
Acq: 16 Feb 2024 22:01

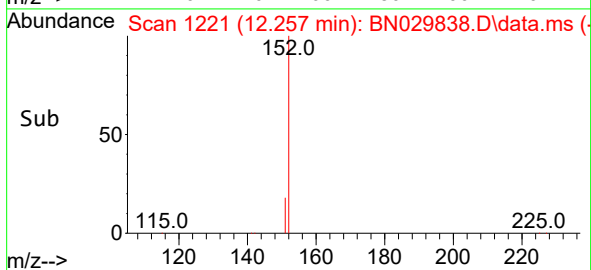
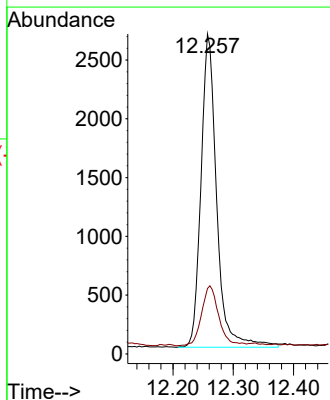
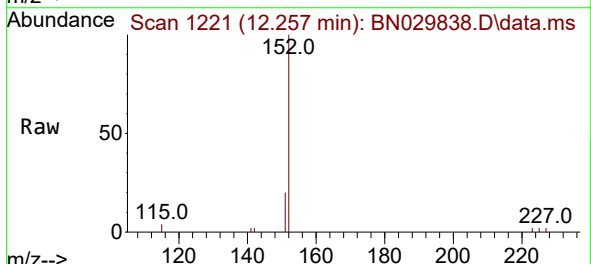
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BNA_N
ClientSampleId :
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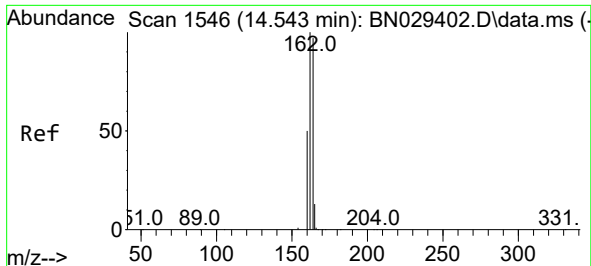
Tgt Ion: 82 Resp: 3093
Ion Ratio Lower Upper
82 100
128 39.4 31.6 47.4
54 48.9 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.257 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BN029838.D
Acq: 16 Feb 2024 22:01

Tgt Ion: 152 Resp: 4809
Ion Ratio Lower Upper
152 100
151 21.1 17.1 25.7

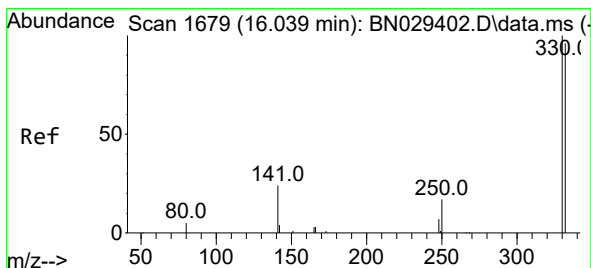
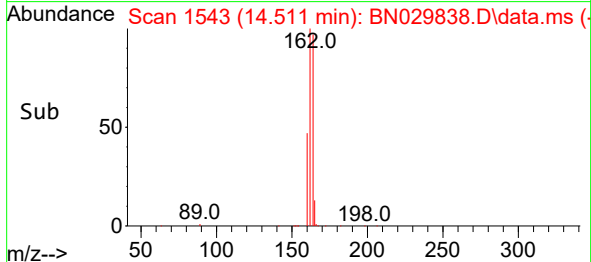
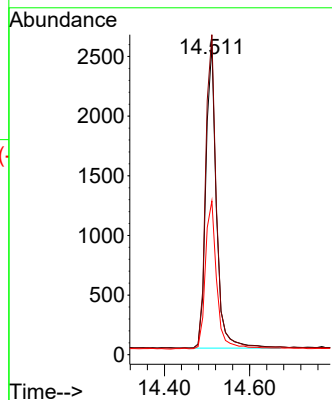
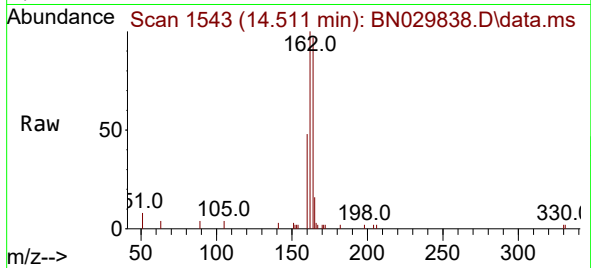




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.511 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN029838.D
 Acq: 16 Feb 2024 22:01

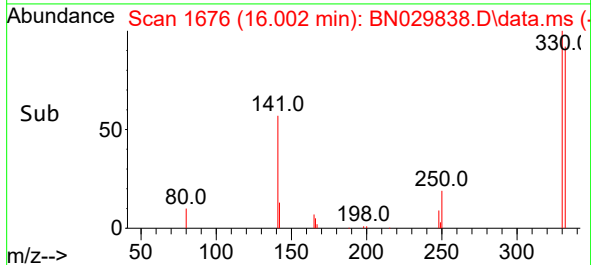
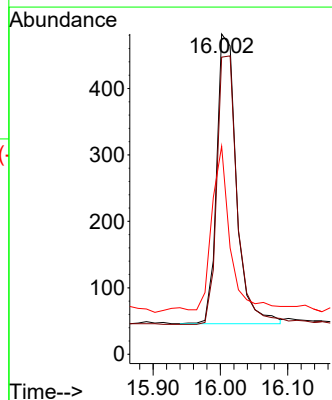
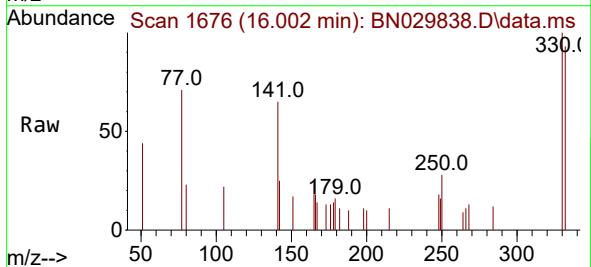
Instrument :
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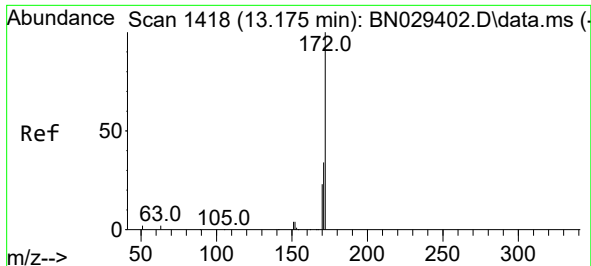
Tgt Ion:164 Resp: 4381
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 49.6 41.5 62.3



#14
 2,4,6-Tribromophenol
 Concen: 0.630 ng
 RT: 16.002 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BN029838.D
 Acq: 16 Feb 2024 22:01

Tgt Ion:330 Resp: 886
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.0 114.0
 141 51.2 43.4 65.2

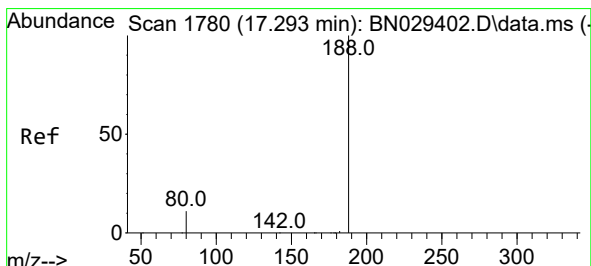
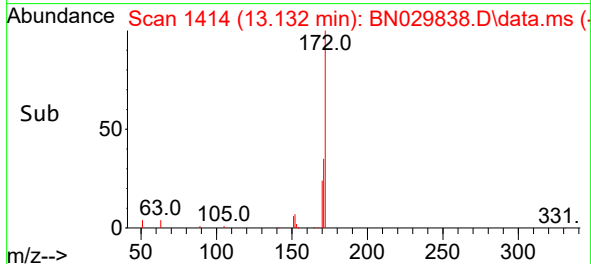
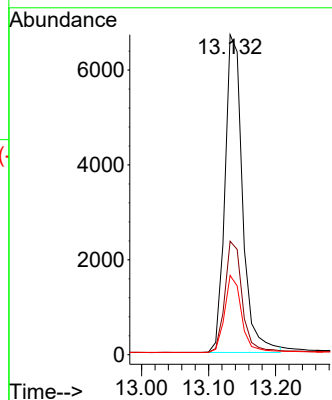
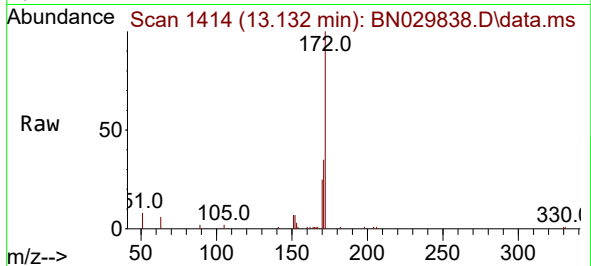




#15
2-Fluorobiphenyl
Concen: 0.652 ng
RT: 13.132 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BN029838.D
Acq: 16 Feb 2024 22:01

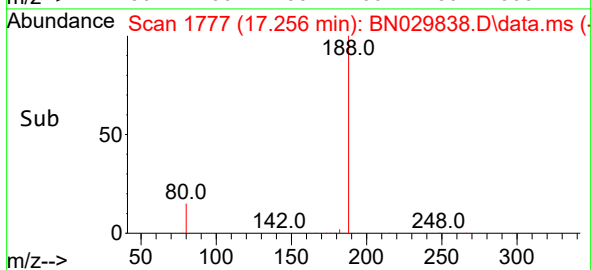
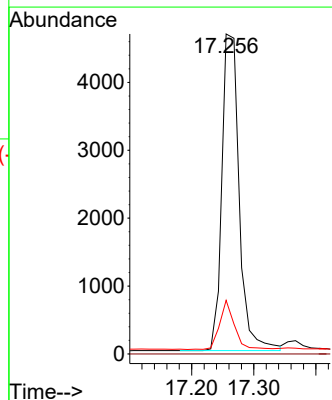
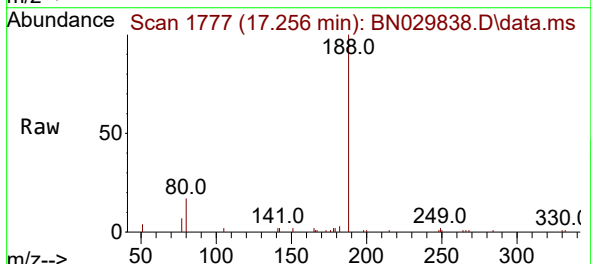
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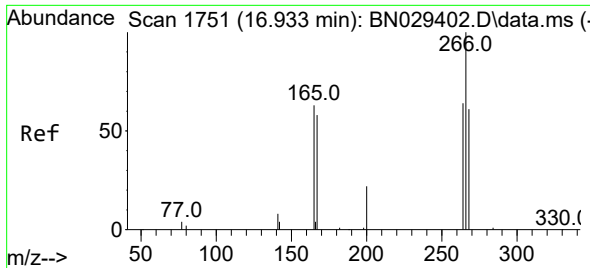
Tgt Ion:172 Resp: 12263
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 24.8 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.256 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN029838.D
Acq: 16 Feb 2024 22:01

Tgt Ion:188 Resp: 9025
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.7 10.0 15.0#

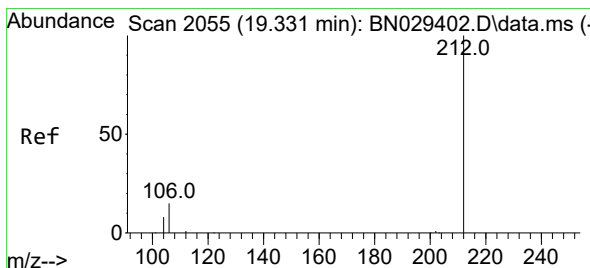
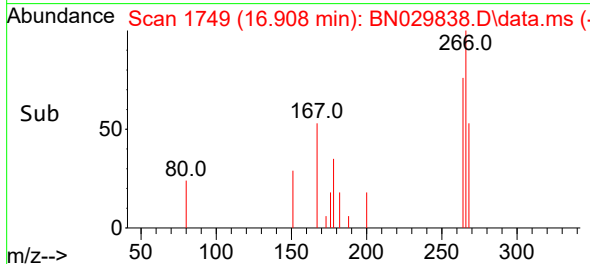
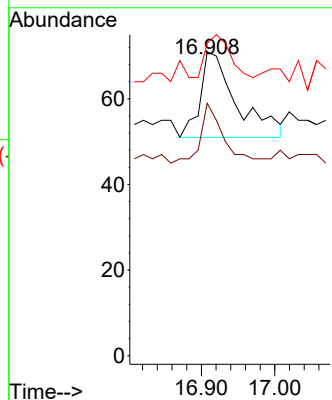
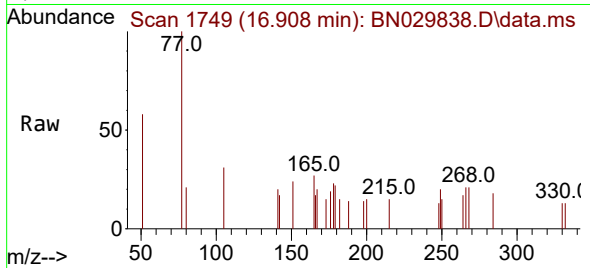




#24
Pentachlorophenol
Concen: 0.033 ng
RT: 16.908 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BN029838.D
Acq: 16 Feb 2024 22:01

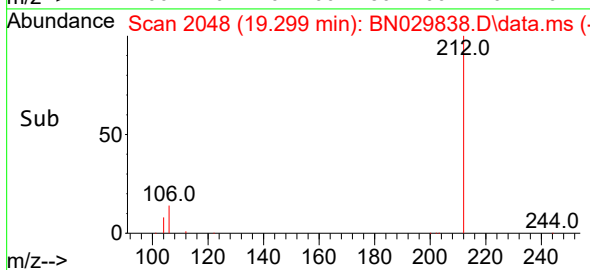
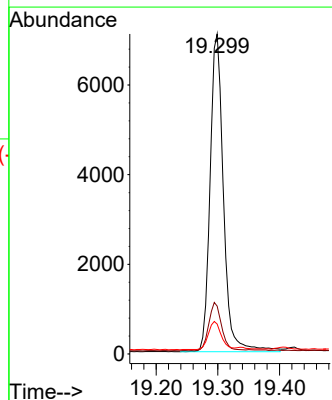
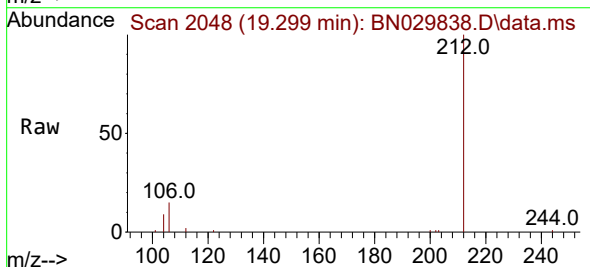
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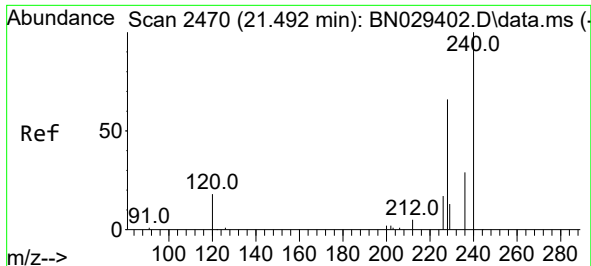
Tgt Ion:266 Resp: 69
Ion Ratio Lower Upper
266 100
264 42.0 50.8 76.2#
268 36.2 51.5 77.3#



#27
Fluoranthene-d10
Concen: 0.487 ng
RT: 19.299 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BN029838.D
Acq: 16 Feb 2024 22:01

Tgt Ion:212 Resp: 10641
Ion Ratio Lower Upper
212 100
106 14.6 13.2 19.8
104 8.7 7.7 11.5

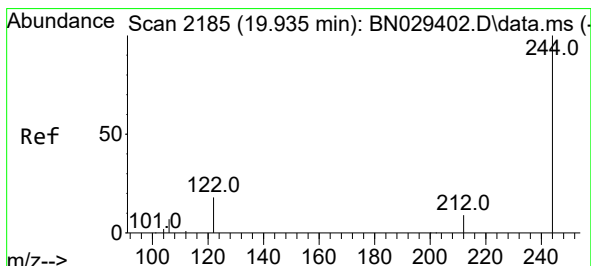
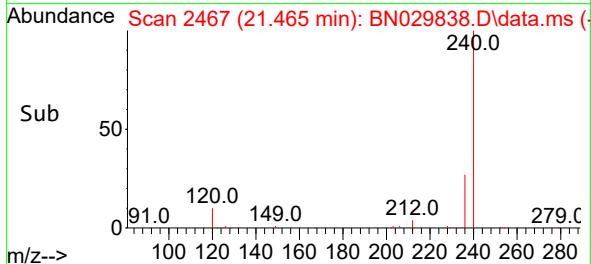
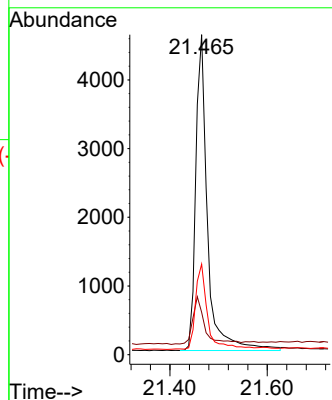
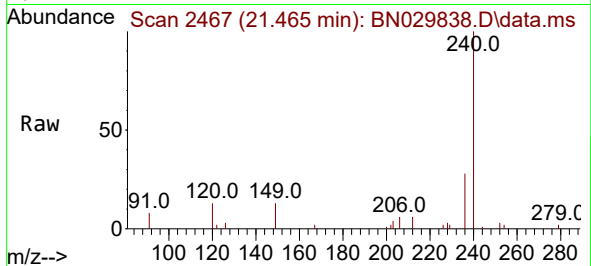




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BN029838.D
Acq: 16 Feb 2024 22:01

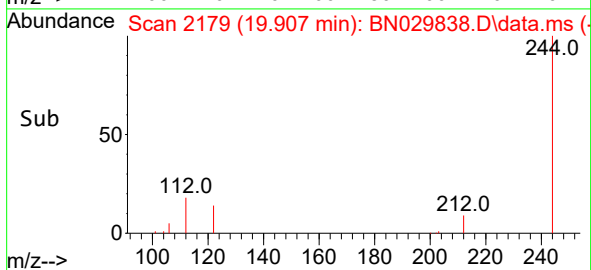
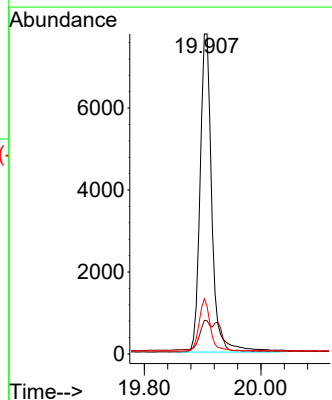
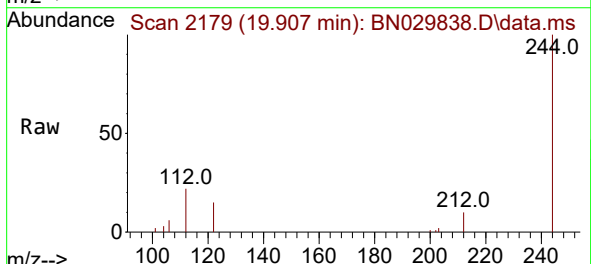
Instrument :
BNA_N
ClientSampleId :
BP-VPB-191-GW-718-720

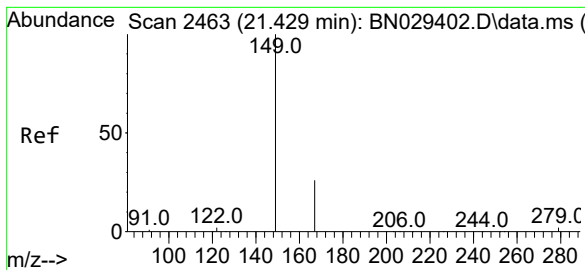
Tgt Ion:240 Resp: 7673
Ion Ratio Lower Upper
240 100
120 13.3 16.7 25.1#
236 28.3 23.9 35.9



#31
Terphenyl-d14
Concen: 0.575 ng
RT: 19.907 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BN029838.D
Acq: 16 Feb 2024 22:01

Tgt Ion:244 Resp: 10950
Ion Ratio Lower Upper
244 100
212 10.4 8.2 12.4
122 14.9 15.6 23.4#

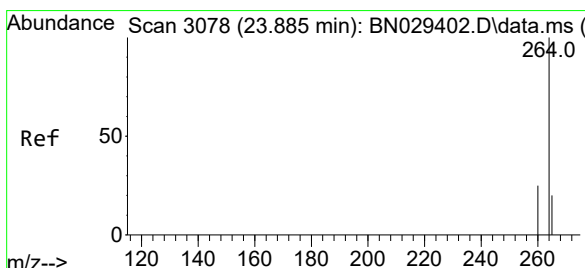
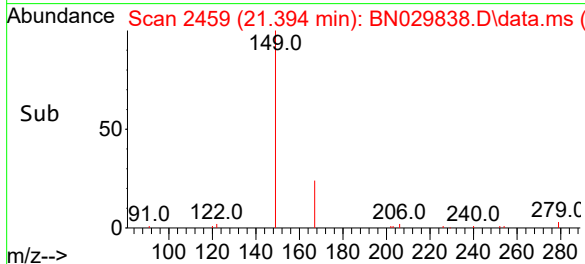
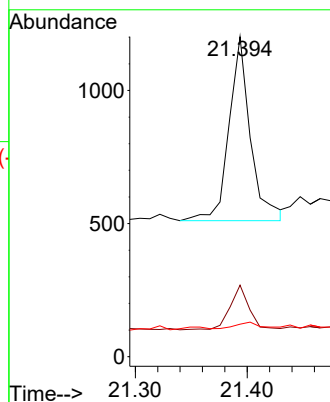
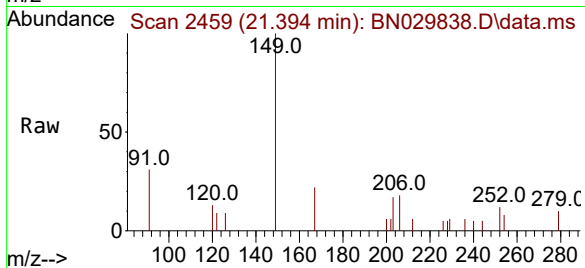




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 21.394 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN029838.D
 Acq: 16 Feb 2024 22:01

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-191-GW-718-720

Tgt Ion:149 Resp: 919
 Ion Ratio Lower Upper
 149 100
 167 20.7 20.1 30.1
 279 4.1 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.832 min Scan# 3060
 Delta R.T. 0.000 min
 Lab File: BN029838.D
 Acq: 16 Feb 2024 22:01

Tgt Ion:264 Resp: 7597
 Ion Ratio Lower Upper
 264 100
 260 26.1 21.2 31.8
 265 57.8 41.5 62.3

