

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110423\
 Data File : BN028473.D
 Acq On : 04 Nov 2023 14:11
 Operator : MA/JU
 Sample : 05225-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-320-322

Quant Time: Nov 06 04:45:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 06:26:50 2023
 Response via : Initial Calibration

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

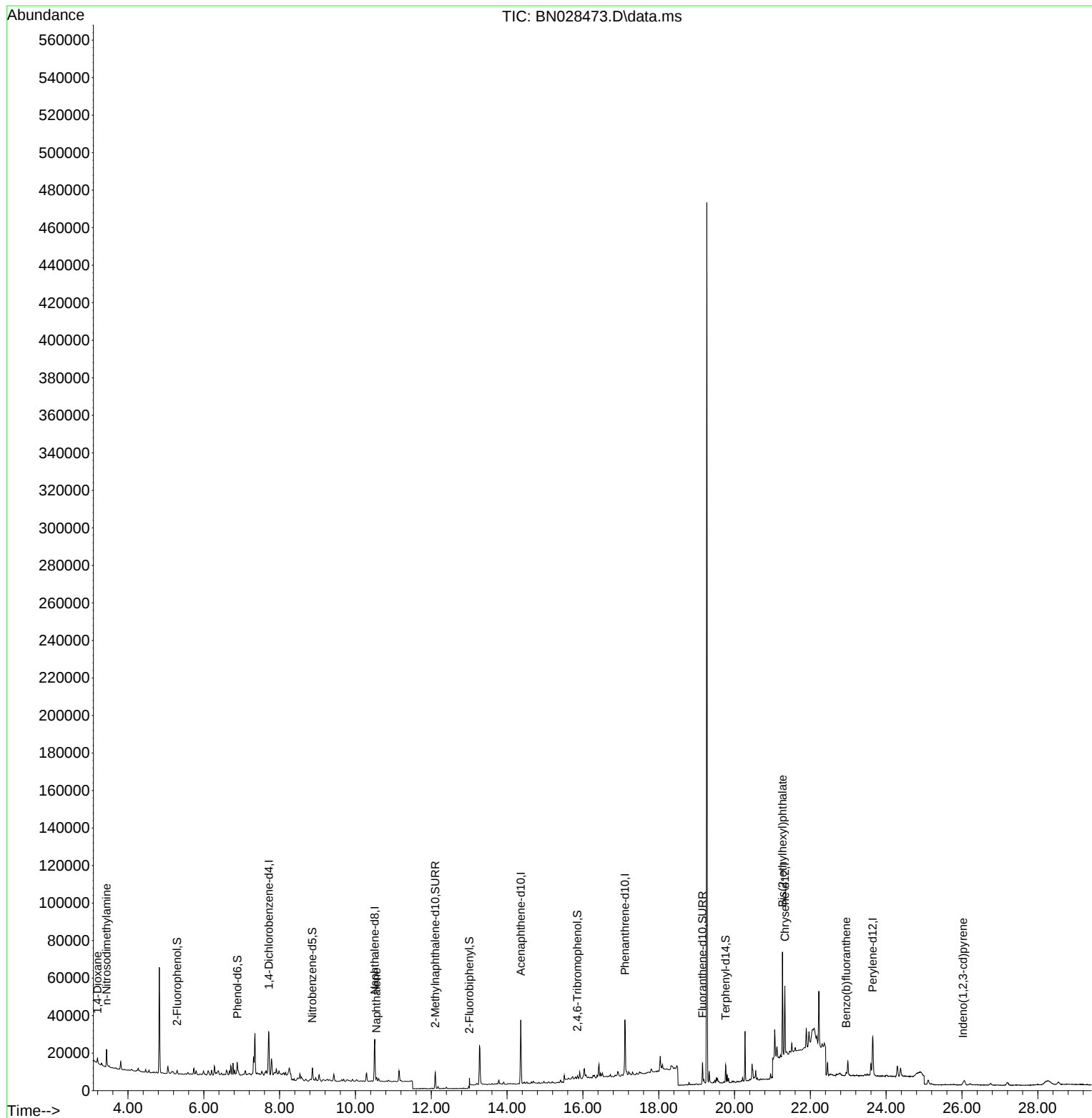
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	9257	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	29365	0.400	ng	# 0.00
13) Acenaphthene-d10	14.363	164	18467	0.400	ng	0.00
19) Phenanthrene-d10	17.108	188	40795	0.400	ng	#-0.01
29) Chrysene-d12	21.328	240	30992	0.400	ng	0.00
35) Perylene-d12	23.646	264	27639	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	1178	0.049	ng	0.00
5) Phenol-d6	6.887	99	1064	0.035	ng	0.00
8) Nitrobenzene-d5	8.865	82	5332	0.281	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	11521	0.274	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	932	0.129	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	1941	0.089	ng	0.00
27) Fluoranthene-d10	19.157	212	12335	0.122	ng	0.00
31) Terphenyl-d14	19.765	244	9173	0.141	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	1703	0.166	ng	# 69
3) n-Nitrosodimethylamine	3.434	42	1346	0.118	ng	# 1
9) Naphthalene	10.551	128	2624	0.033	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.265	149	45451	0.715	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.028	276	1710	0.063	ng	# 69
37) Benzo(b)fluoranthene	22.944	252	2687	0.092	ng	# 1

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

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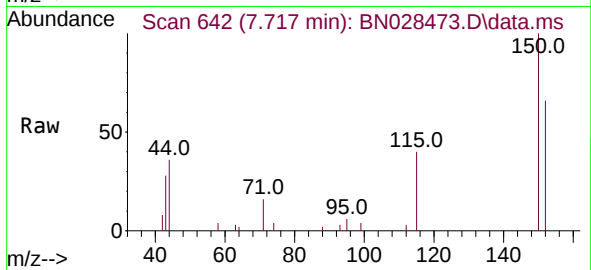
Quant Time: Nov 06 04:45:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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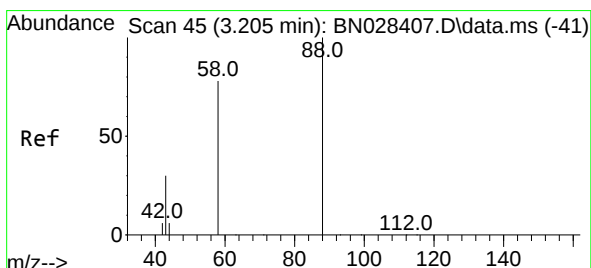
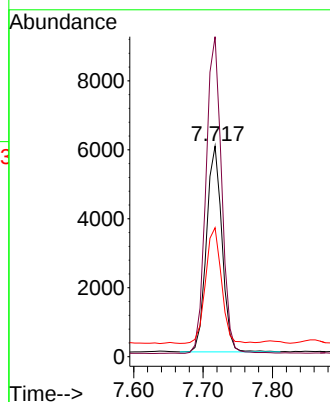
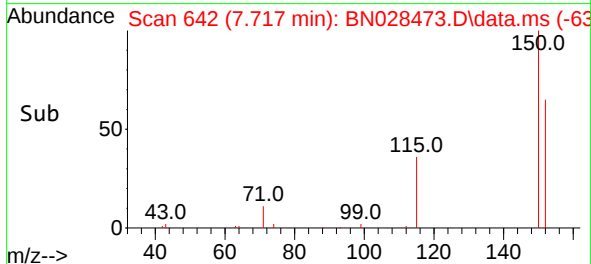


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.010 min
 Lab File: BN028473.D
 Acq: 04 Nov 2023 14:11

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-320-322

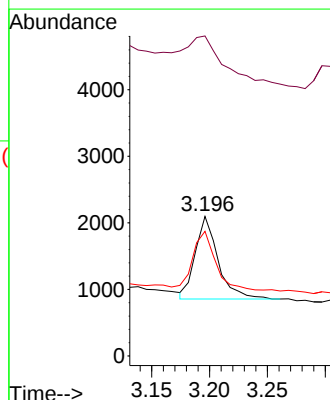
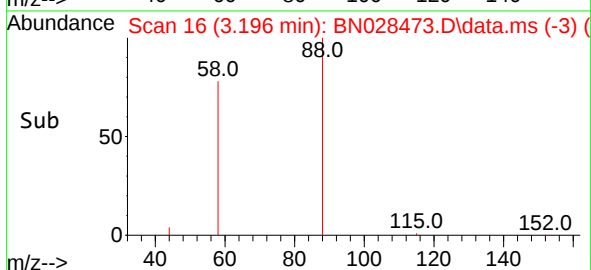
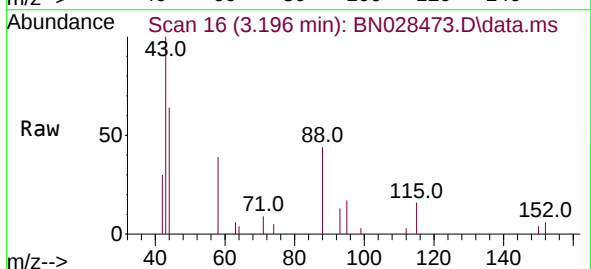


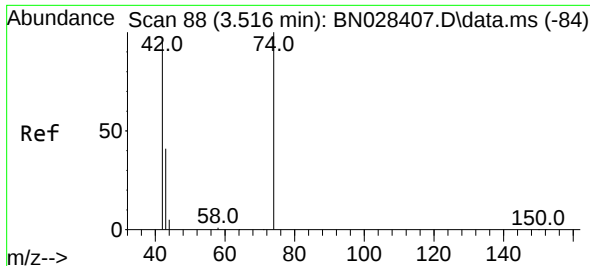
Tgt Ion:152 Resp: 9257
 Ion Ratio Lower Upper
 152 100
 150 152.0 123.8 185.6
 115 61.3 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.166 ng
 RT: 3.196 min Scan# 16
 Delta R.T. -0.010 min
 Lab File: BN028473.D
 Acq: 04 Nov 2023 14:11

Tgt Ion: 88 Resp: 1703
 Ion Ratio Lower Upper
 88 100
 43 87.5 24.3 36.5#
 58 75.2 59.8 89.6

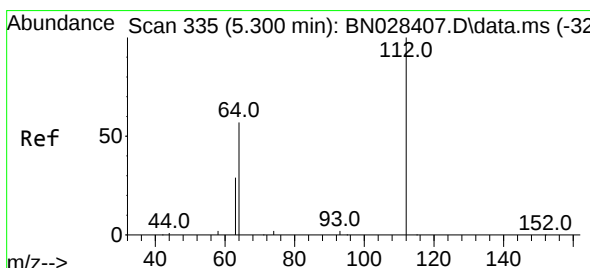
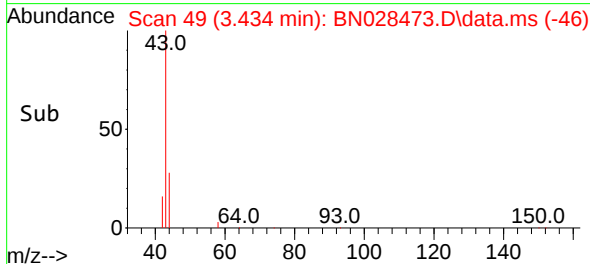
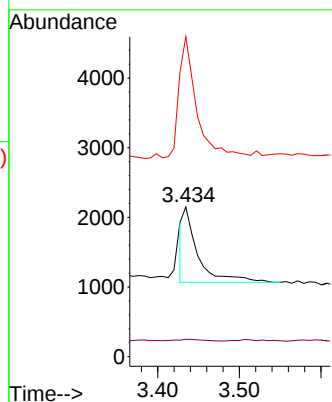
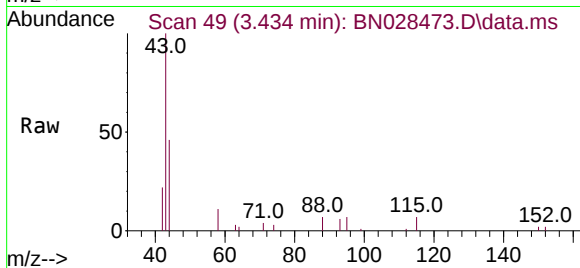




#3
n-Nitrosodimethylamine
Concen: 0.118 ng
RT: 3.434 min Scan# 49
Delta R.T. -0.082 min
Lab File: BN028473.D
Acq: 04 Nov 2023 14:11

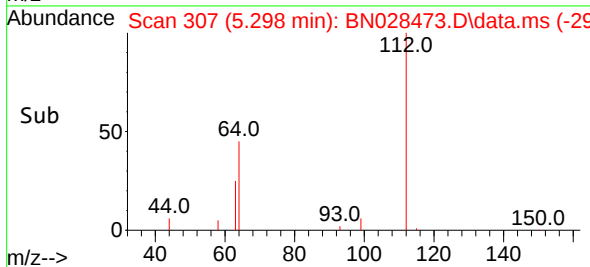
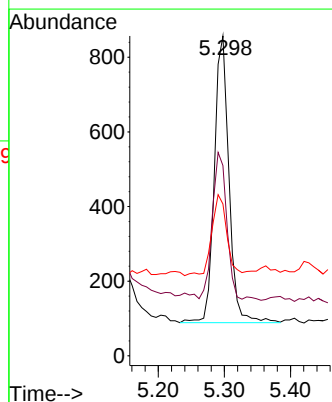
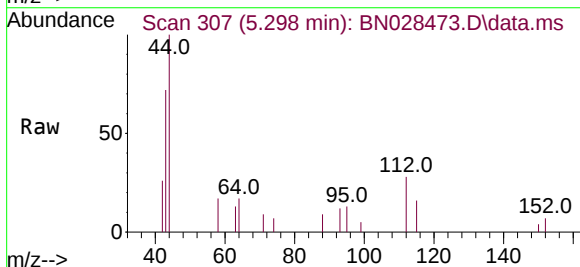
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BNA_N
ClientSampleId :
BP-VPB-188-GW-320-322

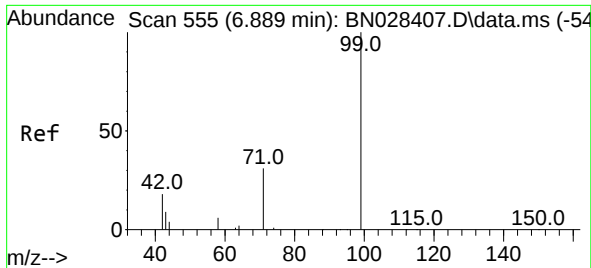
Tgt Ion: 42 Resp: 1346
Ion Ratio Lower Upper
42 100
74 2.7 100.3 150.5#
44 135.4 6.2 9.2#



#4
2-Fluorophenol
Concen: 0.049 ng
RT: 5.298 min Scan# 307
Delta R.T. -0.002 min
Lab File: BN028473.D
Acq: 04 Nov 2023 14:11

Tgt Ion: 112 Resp: 1178
Ion Ratio Lower Upper
112 100
64 50.3 44.3 66.5
63 28.9 22.6 33.8

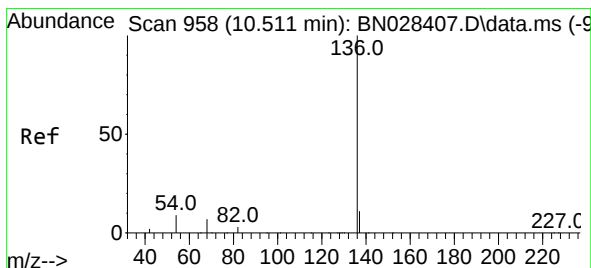
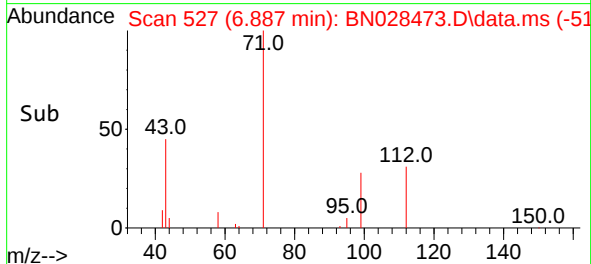
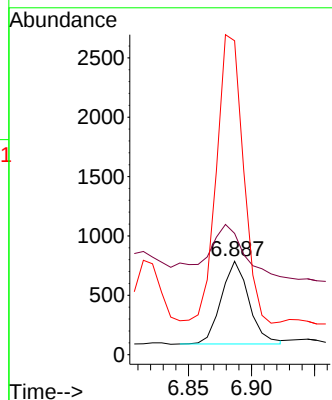
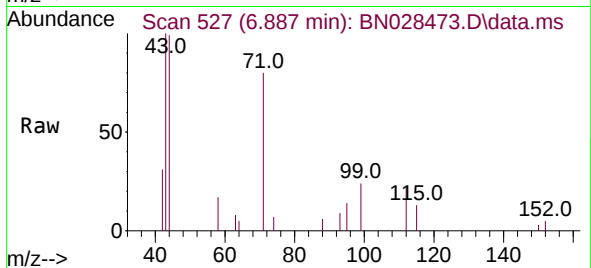




#5
Phenol-d6
Concen: 0.035 ng
RT: 6.887 min Scan# 51
Delta R.T. -0.002 min
Lab File: BN028473.D
Acq: 04 Nov 2023 14:11

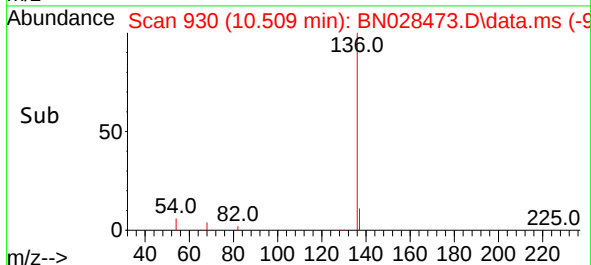
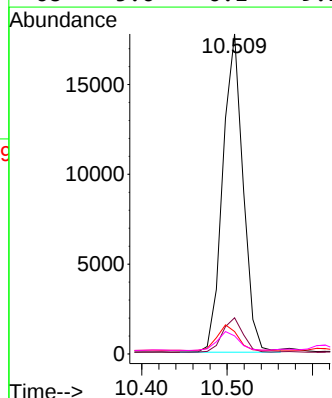
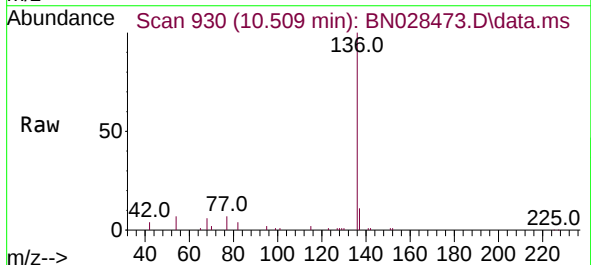
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-320-322

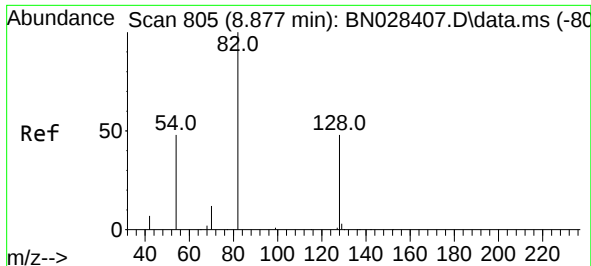
Tgt Ion: 99 Resp: 1064
Ion Ratio Lower Upper
99 100
42 95.7 15.4 23.0#
71 334.4 24.4 36.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.002 min
Lab File: BN028473.D
Acq: 04 Nov 2023 14:11

Tgt Ion: 136 Resp: 29365
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 7.0 7.9 11.9#
68 5.6 6.1 9.1#

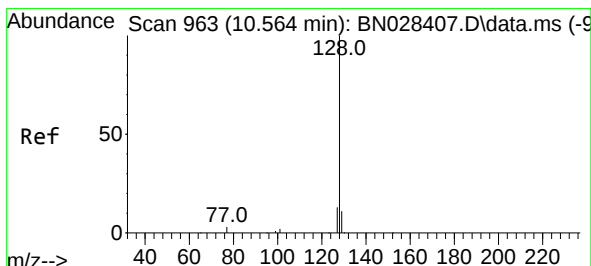
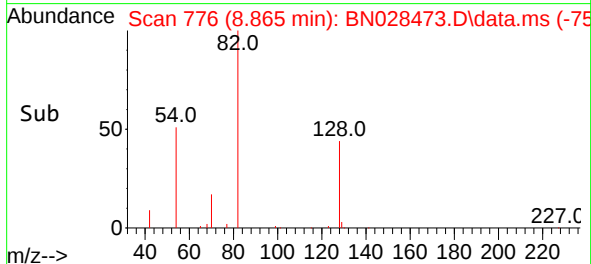
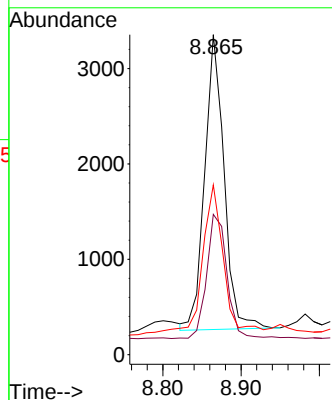
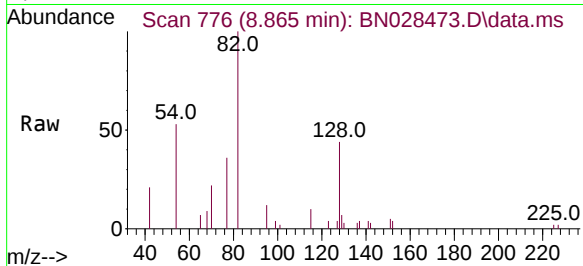




#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 8.865 min Scan# 71
Delta R.T. -0.013 min
Lab File: BN028473.D
Acq: 04 Nov 2023 14:11

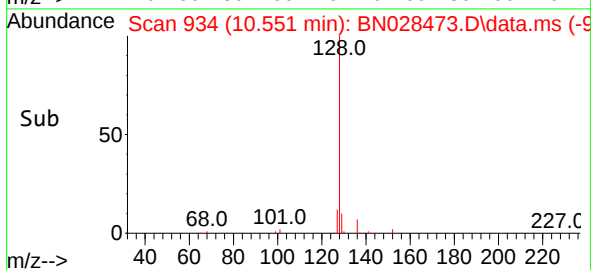
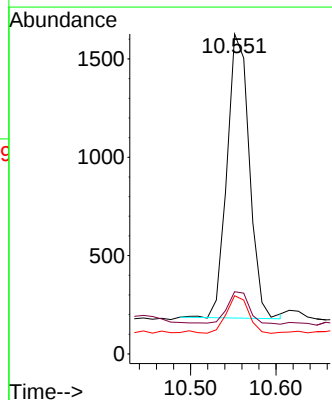
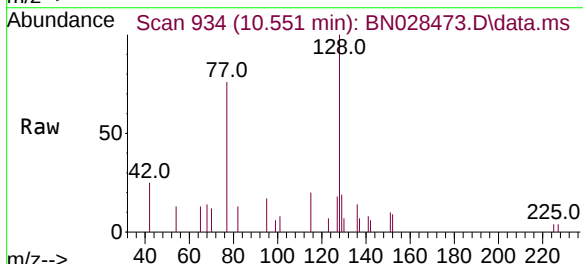
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-320-322

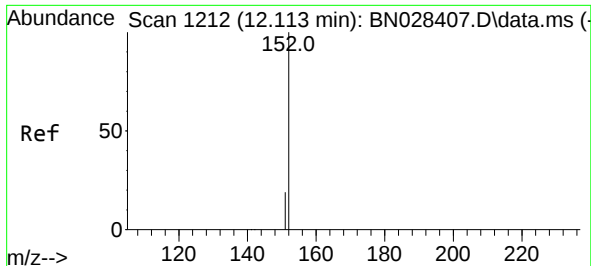
Tgt Ion: 82 Resp: 5332
Ion Ratio Lower Upper
82 100
128 43.8 38.8 58.2
54 53.1 40.3 60.5



#9
Naphthalene
Concen: 0.033 ng
RT: 10.551 min Scan# 934
Delta R.T. -0.013 min
Lab File: BN028473.D
Acq: 04 Nov 2023 14:11

Tgt Ion: 128 Resp: 2624
Ion Ratio Lower Upper
128 100
129 19.4 8.9 13.3#
127 18.2 10.4 15.6#

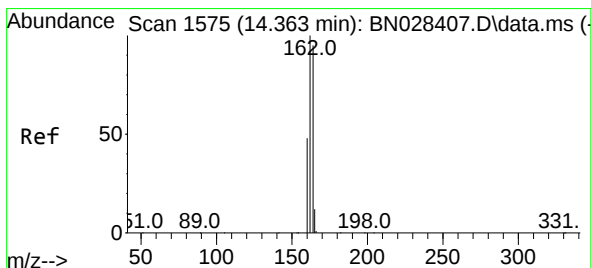
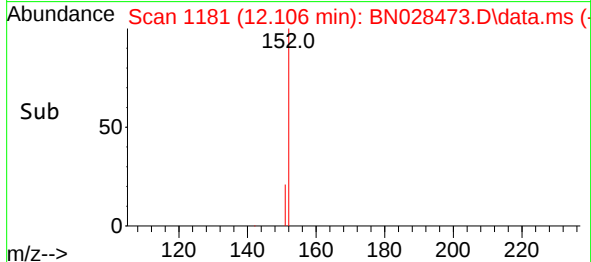
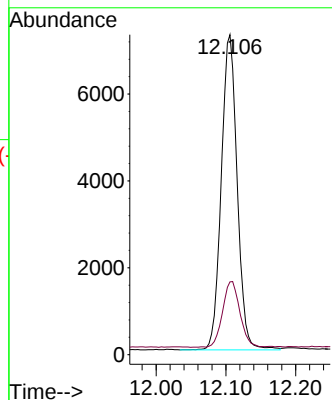
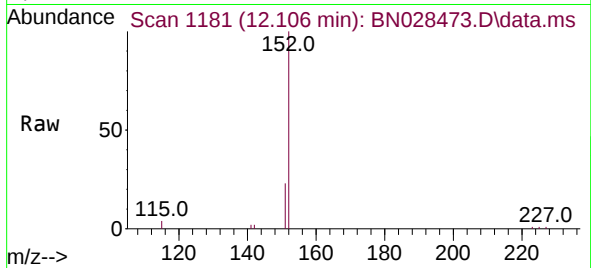




#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 12.106 min Scan# 111
Delta R.T. -0.007 min
Lab File: BN028473.D
Acq: 04 Nov 2023 14:11

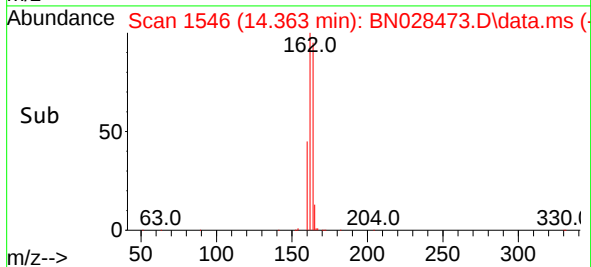
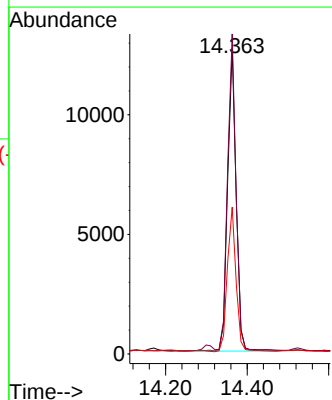
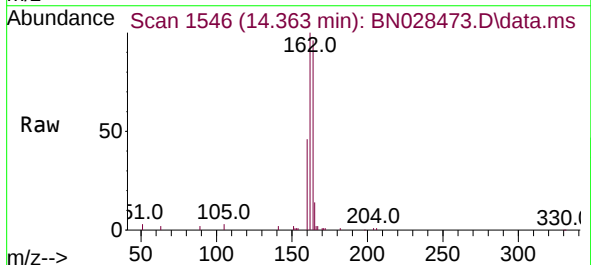
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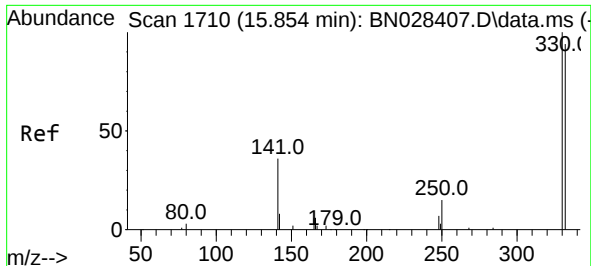
Tgt Ion:152 Resp: 11521
Ion Ratio Lower Upper
152 100
151 22.9 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.363 min Scan# 1546
Delta R.T. 0.001 min
Lab File: BN028473.D
Acq: 04 Nov 2023 14:11

Tgt Ion:164 Resp: 18467
Ion Ratio Lower Upper
164 100
162 104.7 84.6 127.0
160 48.0 41.3 61.9

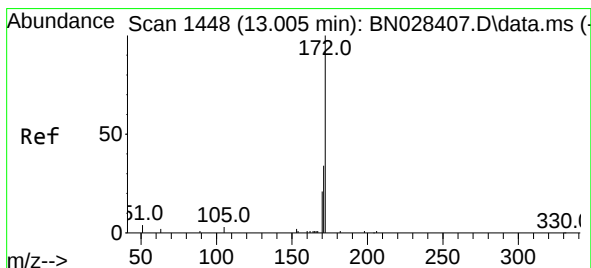
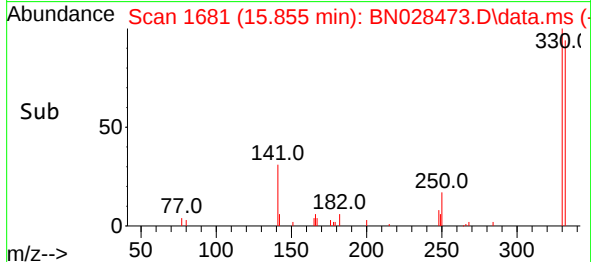
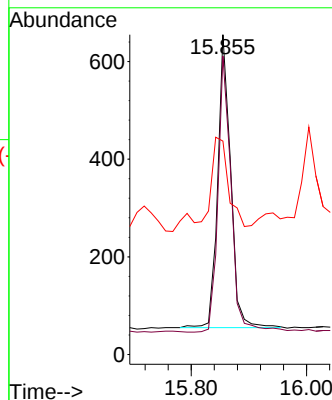
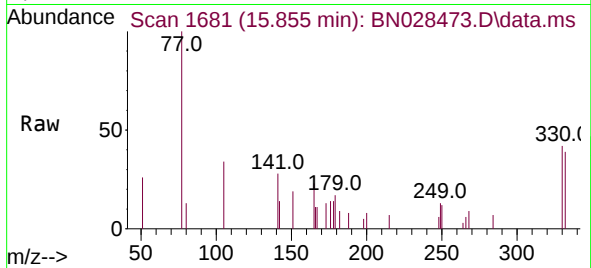




#14
2,4,6-Tribromophenol
Concen: 0.129 ng
RT: 15.855 min Scan# 1681
Delta R.T. 0.001 min
Lab File: BN028473.D
Acq: 04 Nov 2023 14:11

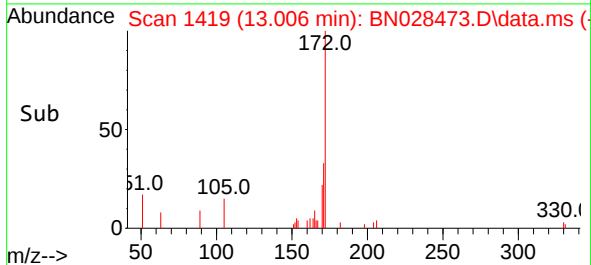
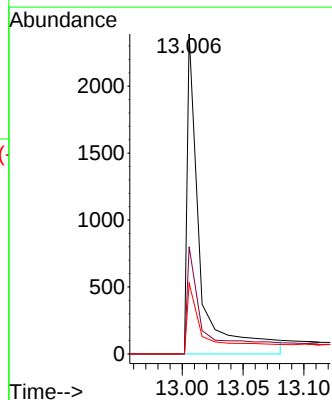
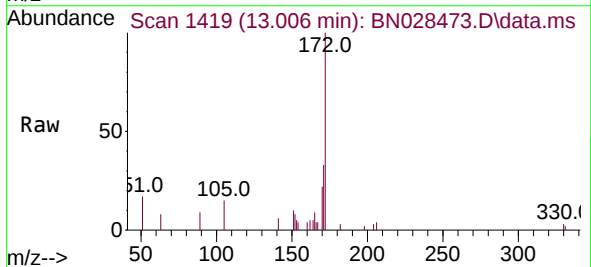
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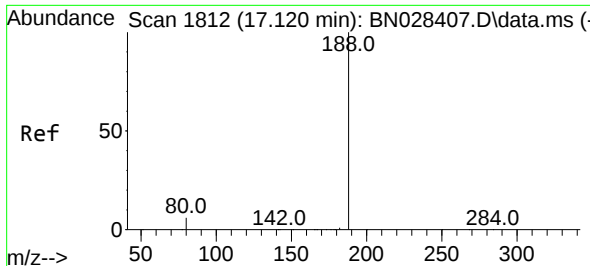
Tgt Ion:330 Resp: 932
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.2
141 37.8 32.8 49.2



#15
2-Fluorobiphenyl
Concen: 0.089 ng
RT: 13.006 min Scan# 1419
Delta R.T. 0.001 min
Lab File: BN028473.D
Acq: 04 Nov 2023 14:11

Tgt Ion:172 Resp: 1941
Ion Ratio Lower Upper
172 100
171 33.5 27.2 40.8
170 22.1 17.1 25.7

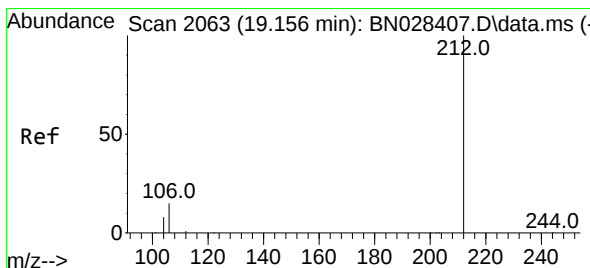
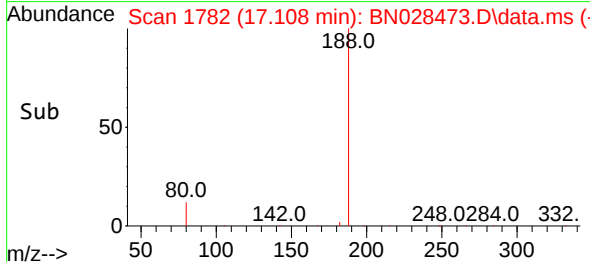
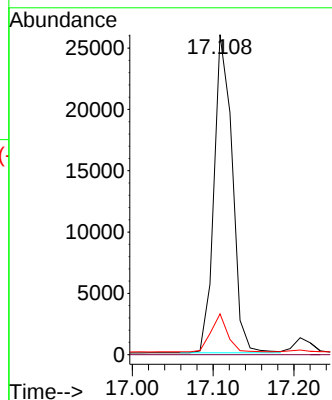
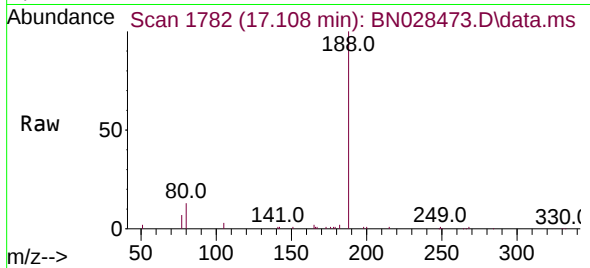




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.108 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN028473.D
Acq: 04 Nov 2023 14:11

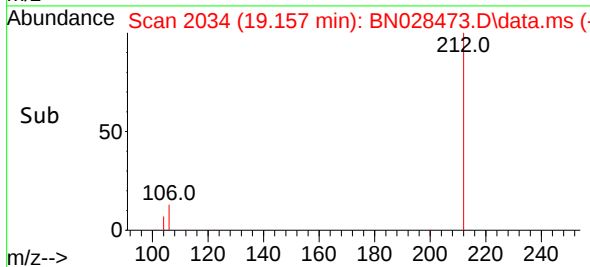
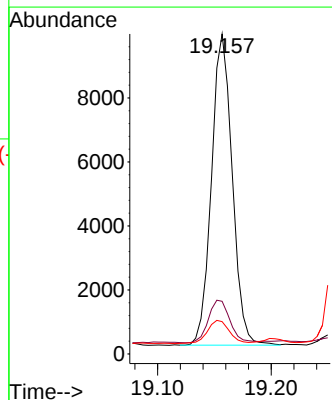
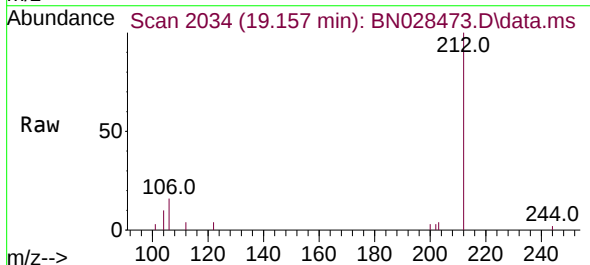
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-320-322

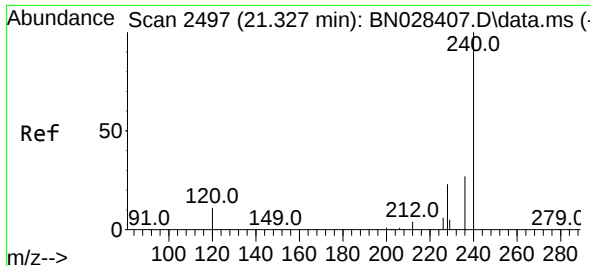
Tgt Ion:188 Resp: 40795
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 5.3 7.9#



#27
Fluoranthene-d10
Concen: 0.122 ng
RT: 19.157 min Scan# 2034
Delta R.T. 0.001 min
Lab File: BN028473.D
Acq: 04 Nov 2023 14:11

Tgt Ion:212 Resp: 12335
Ion Ratio Lower Upper
212 100
106 14.3 11.9 17.9
104 0.0 6.7 10.1#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.328 min Scan# 2497

Delta R.T. 0.001 min

Lab File: BN028473.D

Acq: 04 Nov 2023 14:11

Instrument :

BNA_N

ClientSampleId :

BP-VPB-188-GW-320-322

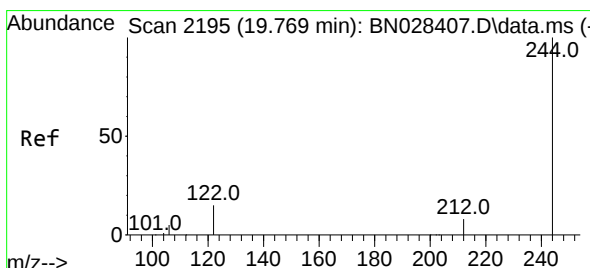
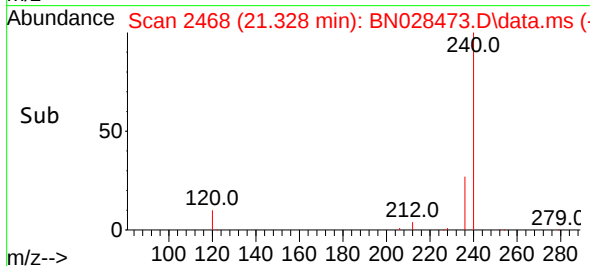
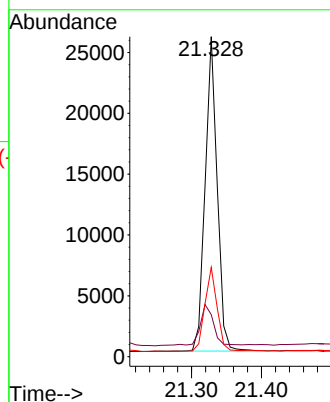
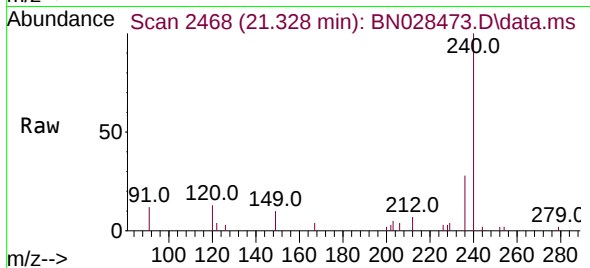
Tgt Ion:240 Resp: 30992

Ion Ratio Lower Upper

240 100

120 13.1 9.8 14.6

236 27.9 22.2 33.2



#31

Terphenyl-d14

Concen: 0.141 ng

RT: 19.765 min Scan# 2165

Delta R.T. -0.004 min

Lab File: BN028473.D

Acq: 04 Nov 2023 14:11

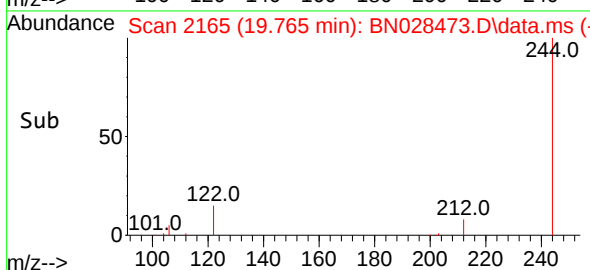
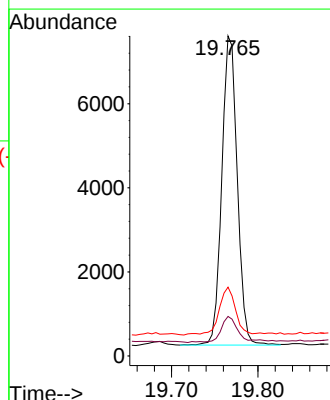
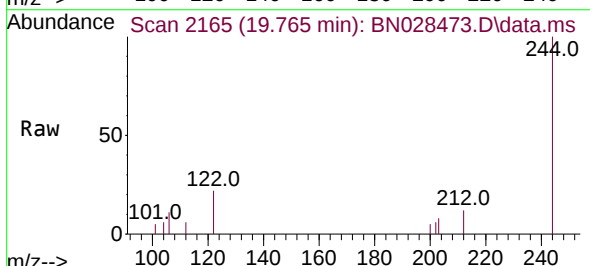
Tgt Ion:244 Resp: 9173

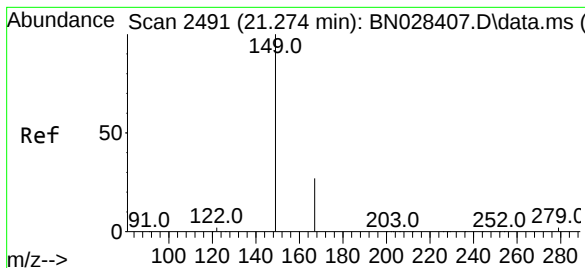
Ion Ratio Lower Upper

244 100

212 12.3 6.6 10.0#

122 21.5 12.6 19.0#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.715 ng

RT: 21.265 min Scan# 24

Delta R.T. -0.009 min

Lab File: BN028473.D

Acq: 04 Nov 2023 14:11

Instrument :

BNA_N

ClientSampleId :

BP-VPB-188-GW-320-322

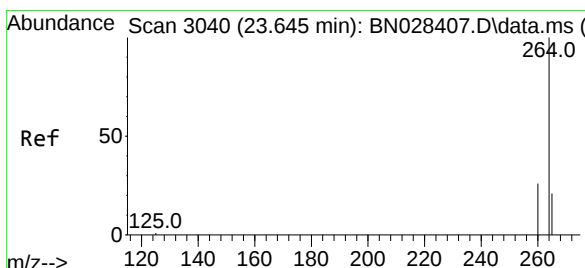
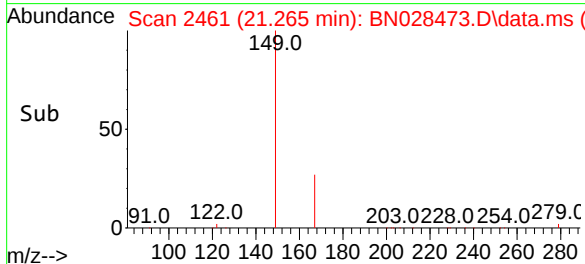
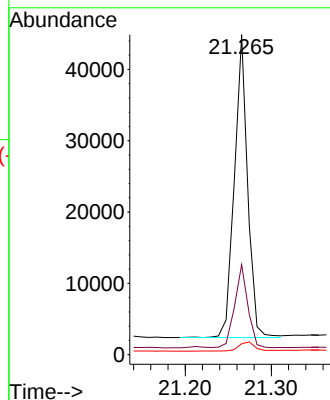
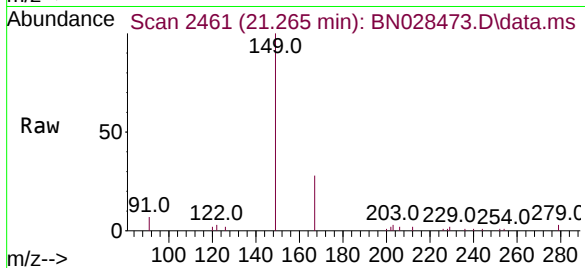
Tgt Ion:149 Resp: 45451

Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.0 2.3 3.5#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.646 min Scan# 3011

Delta R.T. 0.001 min

Lab File: BN028473.D

Acq: 04 Nov 2023 14:11

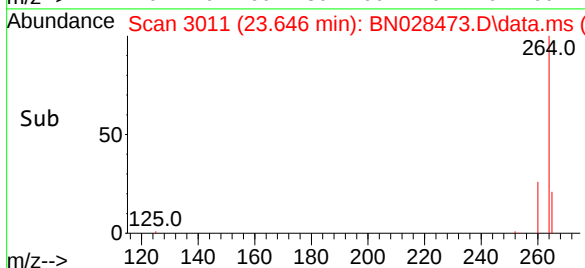
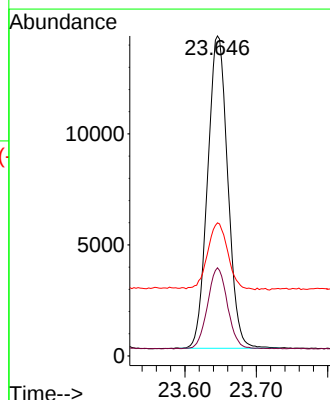
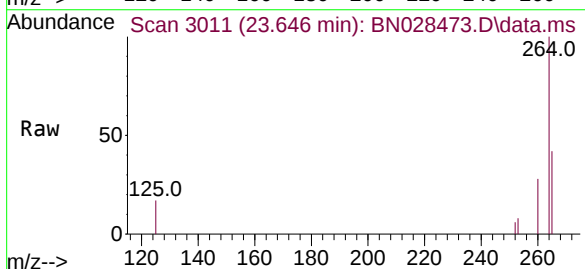
Tgt Ion:264 Resp: 27639

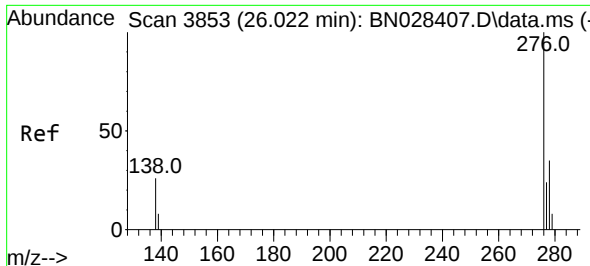
Ion Ratio Lower Upper

264 100

260 27.6 20.8 31.2

265 41.6 21.7 32.5#

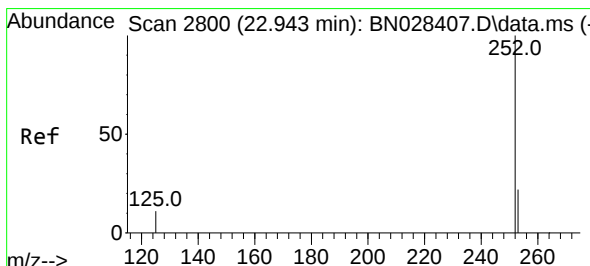
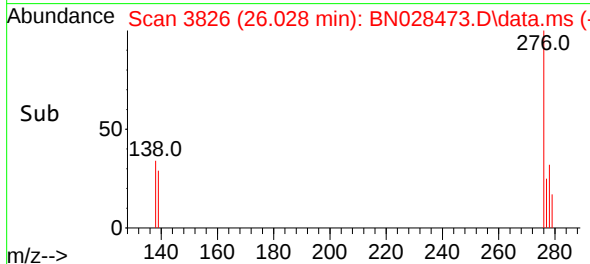
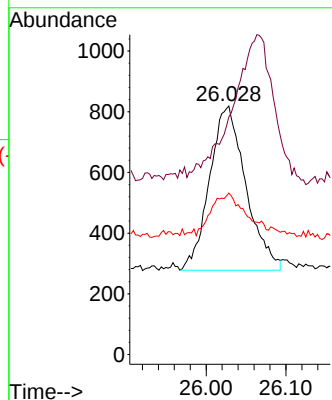
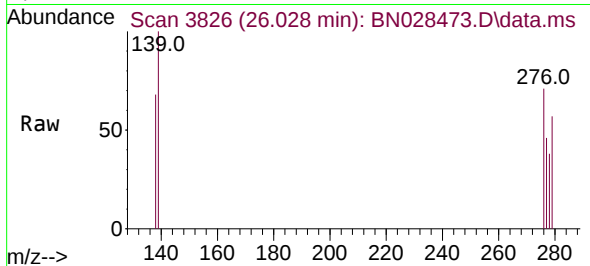




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.063 ng
 RT: 26.028 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BN028473.D
 Acq: 04 Nov 2023 14:11

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-320-322

Tgt Ion:276 Resp: 1710
 Ion Ratio Lower Upper
 276 100
 138 0.0 24.1 36.1#
 277 24.2 19.7 29.5



#37
 Benzo(b)fluoranthene
 Concen: 0.092 ng
 RT: 22.944 min Scan# 2771
 Delta R.T. 0.001 min
 Lab File: BN028473.D
 Acq: 04 Nov 2023 14:11

Tgt Ion:252 Resp: 2687
 Ion Ratio Lower Upper
 252 100
 253 74.0 18.2 27.4#
 125 127.9 10.0 15.0#

