

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028169.D
 Acq On : 09 Oct 2023 20:01
 Operator : MA/JU
 Sample : 04595-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-440-442

Quant Time: Oct 10 00:44:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 00:42:22 2023
 Response via : Initial Calibration

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

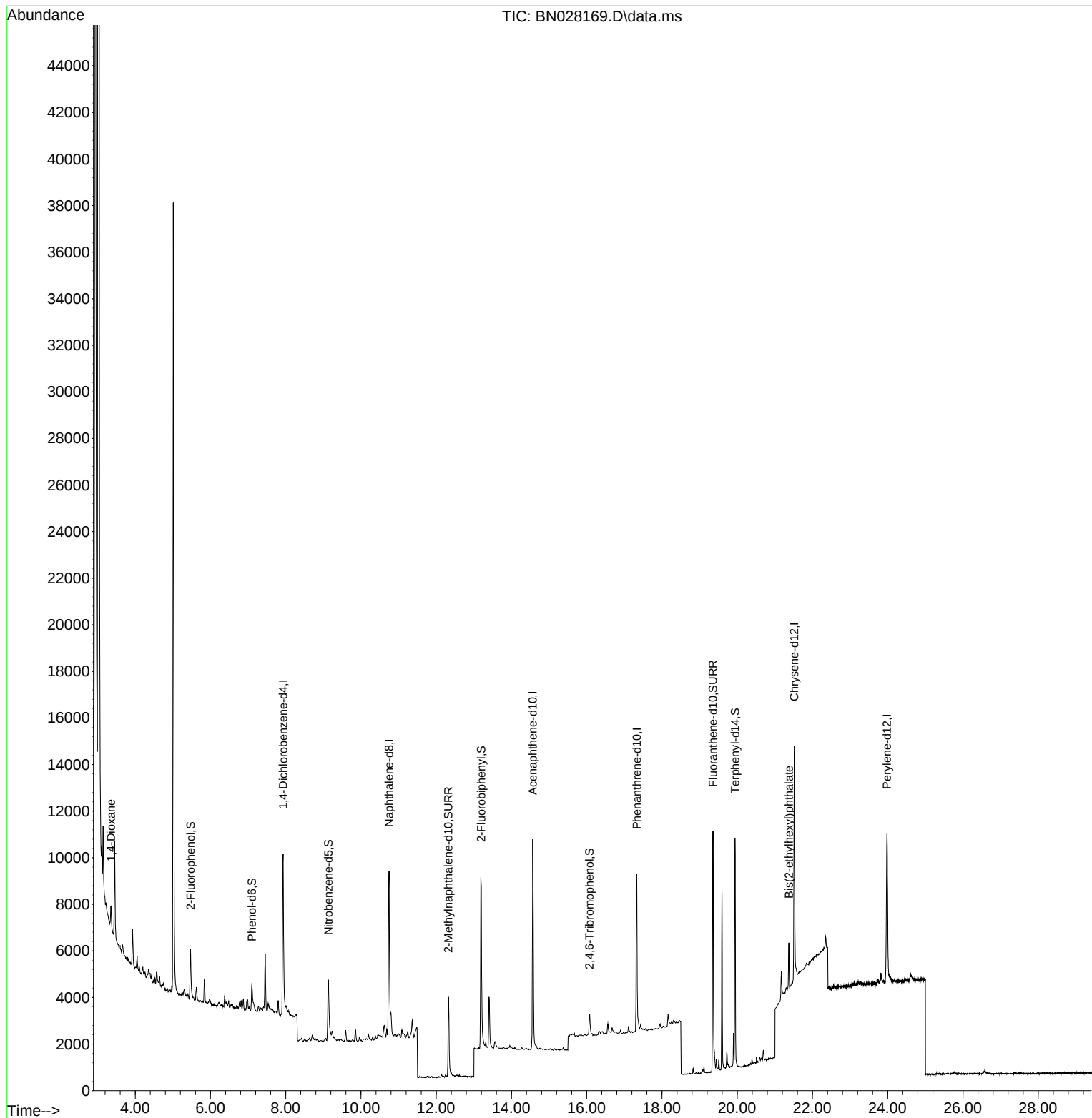
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	4035	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	11708	0.400	ng	0.01
13) Acenaphthene-d10	14.566	164	5950	0.400	ng	0.00
19) Phenanthrene-d10	17.331	188	11422	0.400	ng	# 0.01
29) Chrysene-d12	21.515	240	10126	0.400	ng	0.00
35) Perylene-d12	23.981	264	10587	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.473	112	2256	0.187	ng	0.00
5) Phenol-d6	7.098	99	1662	0.109	ng	0.00
8) Nitrobenzene-d5	9.134	82	3727	0.374	ng	0.01
11) 2-Methylnaphthalene-d10	12.324	152	6086	0.351	ng	0.00
14) 2,4,6-Tribromophenol	16.077	330	659	0.242	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	8573	0.400	ng	0.01
27) Fluoranthene-d10	19.356	212	11993	0.418	ng	0.00
31) Terphenyl-d14	19.941	244	10769	0.456	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.357	88	745	0.165	ng	# 34
34) Bis(2-ethylhexyl)phtha...	21.372	149	1944	0.086	ng	96

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

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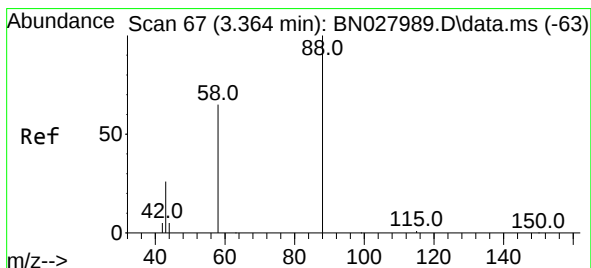
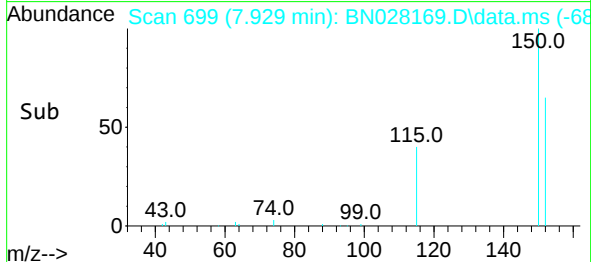
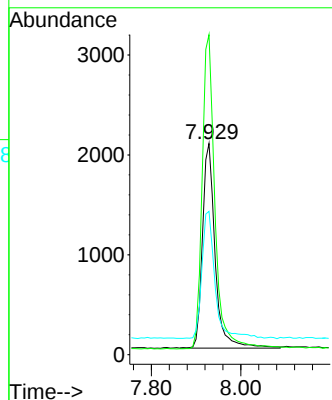
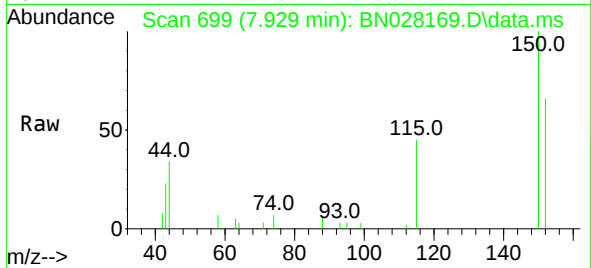




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.929 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN028169.D
 Acq: 09 Oct 2023 20:01

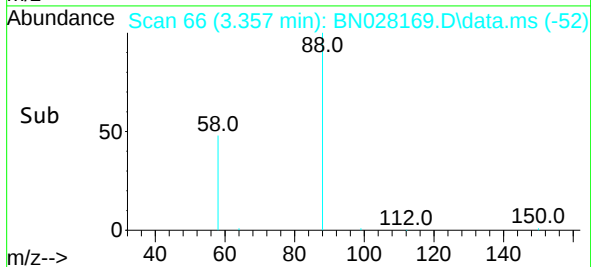
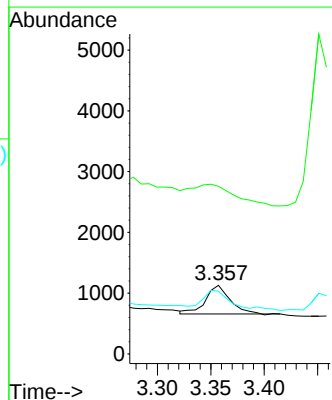
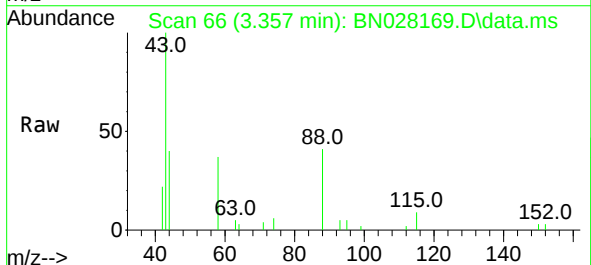
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-440-442

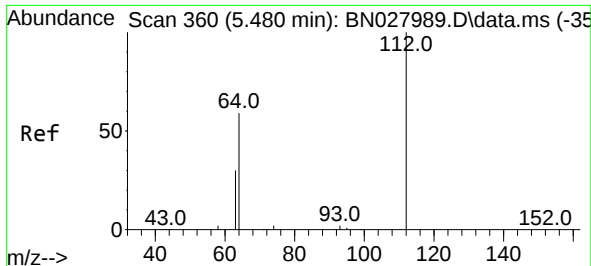
Tgt Ion:152 Resp: 4035
 Ion Ratio Lower Upper
 152 100
 150 151.6 125.6 188.4
 115 67.9 54.8 82.2



#2
 1,4-Dioxane
 Concen: 0.165 ng
 RT: 3.357 min Scan# 66
 Delta R.T. -0.000 min
 Lab File: BN028169.D
 Acq: 09 Oct 2023 20:01

Tgt Ion: 88 Resp: 745
 Ion Ratio Lower Upper
 88 100
 43 121.3 24.6 36.8#
 58 83.5 53.8 80.6#

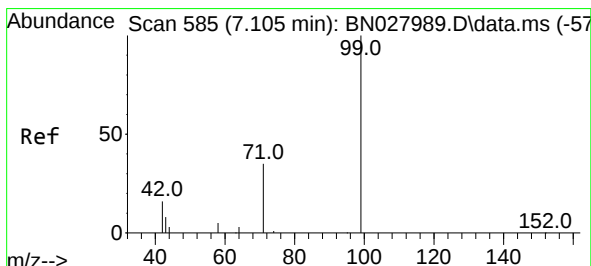
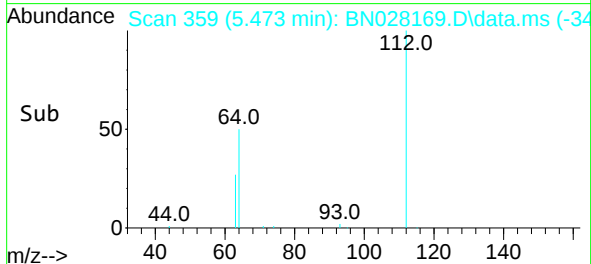
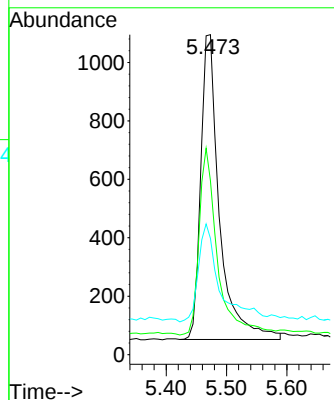
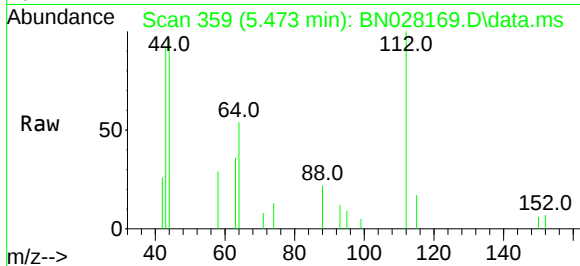




#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.473 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN028169.D
Acq: 09 Oct 2023 20:01

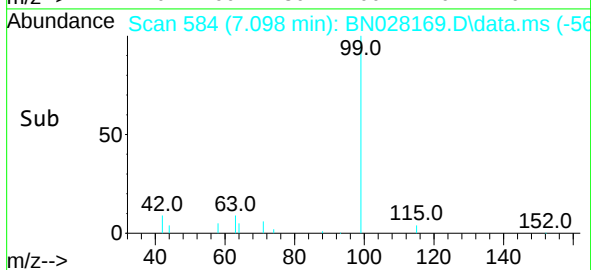
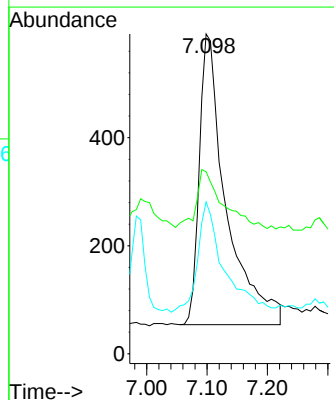
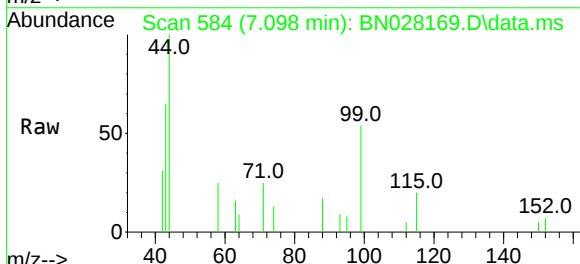
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-440-442

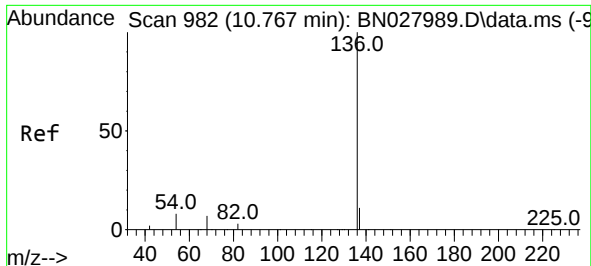
Tgt Ion:112 Resp: 2256
Ion Ratio Lower Upper
112 100
64 60.1 45.0 67.6
63 36.9 23.4 35.0#



#5
Phenol-d6
Concen: 0.109 ng
RT: 7.098 min Scan# 584
Delta R.T. 0.007 min
Lab File: BN028169.D
Acq: 09 Oct 2023 20:01

Tgt Ion: 99 Resp: 1662
Ion Ratio Lower Upper
99 100
42 19.8 14.6 22.0
71 36.8 28.3 42.5

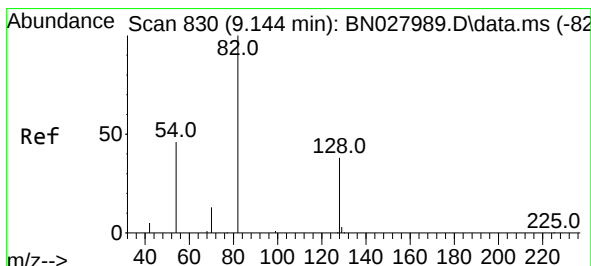
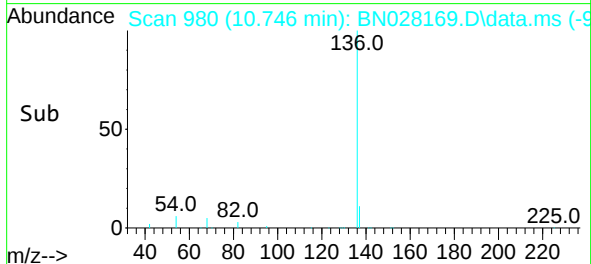
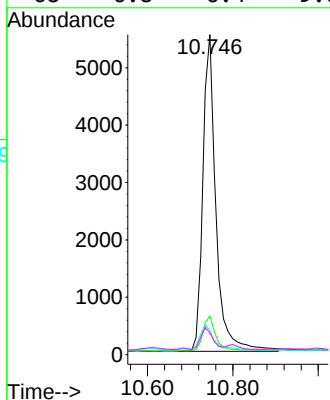
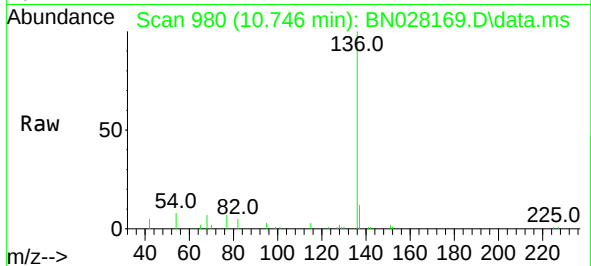




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN028169.D
Acq: 09 Oct 2023 20:01

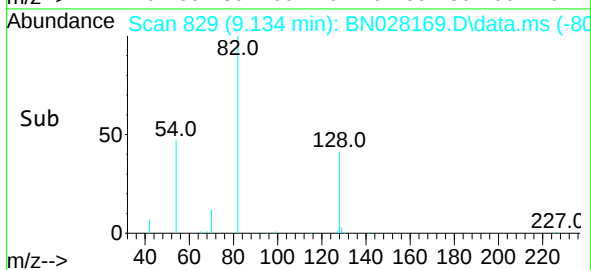
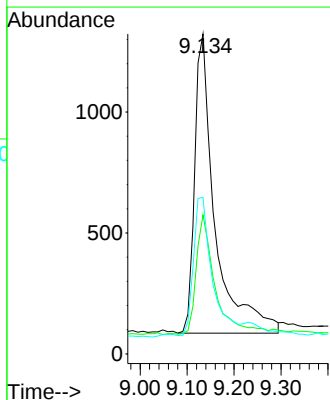
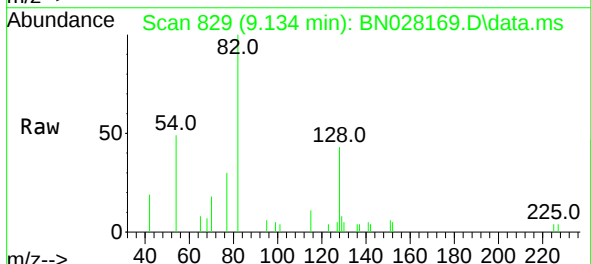
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-440-442

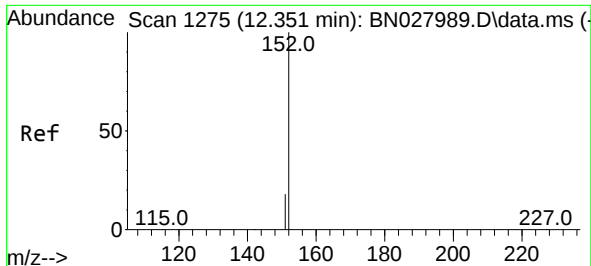
Tgt Ion:	136	Resp:	11708
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.4	14.0
54	7.5	7.0	10.6
68	6.8	6.4	9.6



#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 9.134 min Scan# 829
Delta R.T. 0.011 min
Lab File: BN028169.D
Acq: 09 Oct 2023 20:01

Tgt Ion:	82	Resp:	3727
Ion	Ratio	Lower	Upper
82	100		
128	43.5	32.7	49.1
54	48.9	38.7	58.1

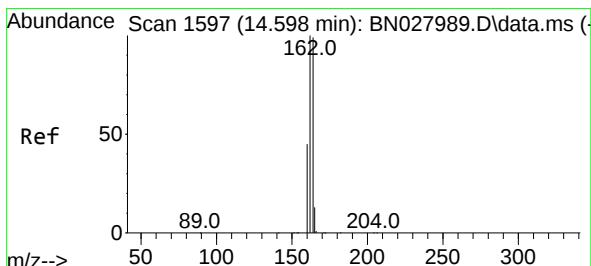
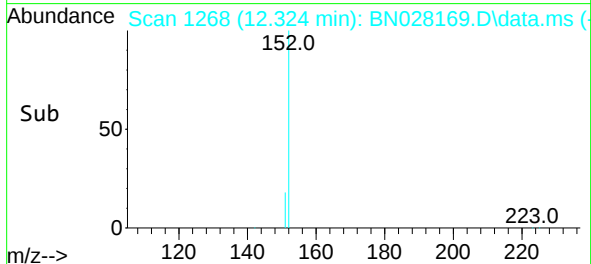
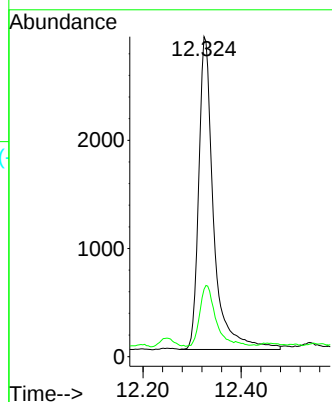
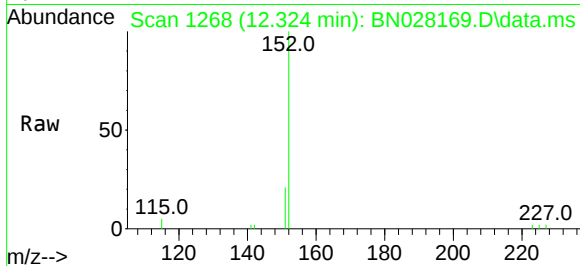




#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.324 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028169.D
Acq: 09 Oct 2023 20:01

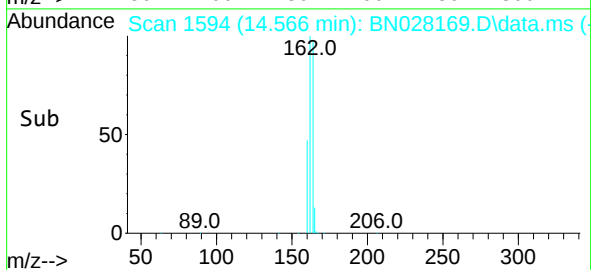
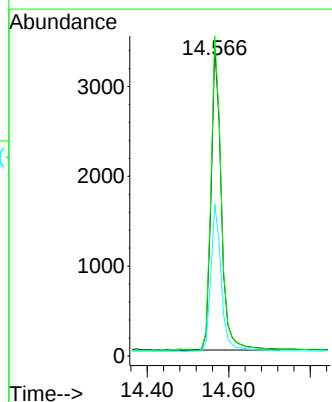
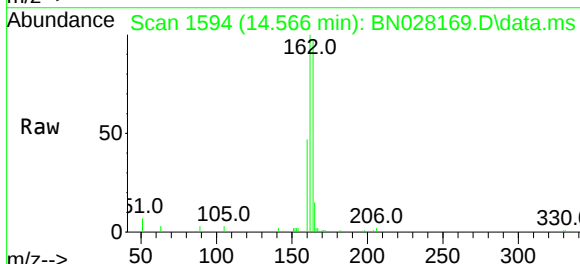
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-440-442

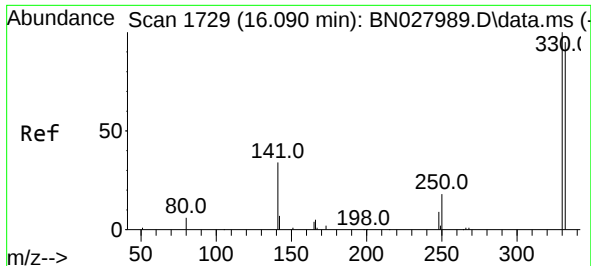
Tgt Ion:152 Resp: 6086
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BN028169.D
Acq: 09 Oct 2023 20:01

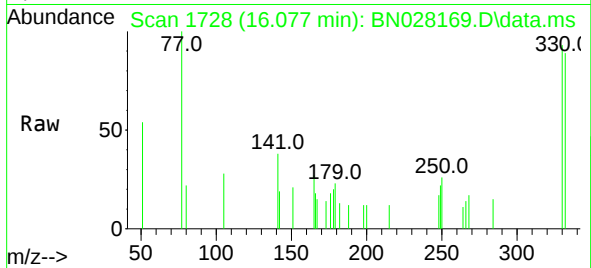
Tgt Ion:164 Resp: 5950
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 49.0 36.4 54.6



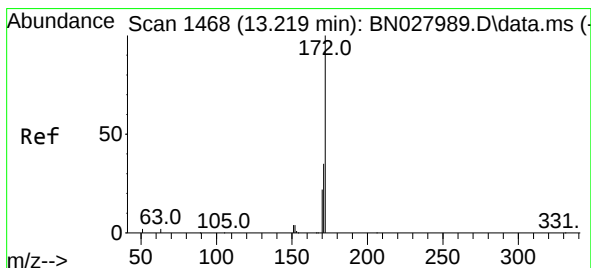
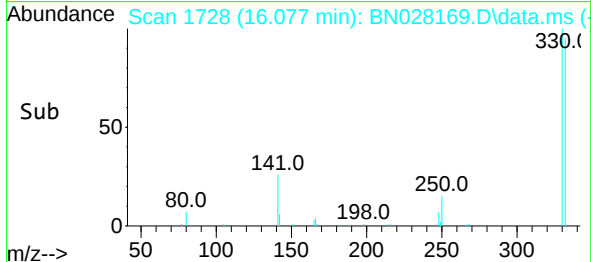
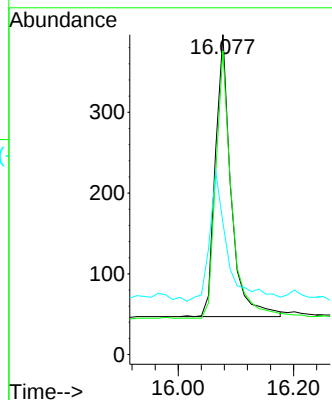


#14
2,4,6-Tribromophenol
Concen: 0.242 ng
RT: 16.077 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BN028169.D
Acq: 09 Oct 2023 20:01

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-440-442

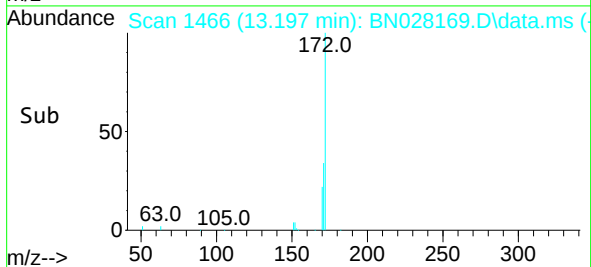
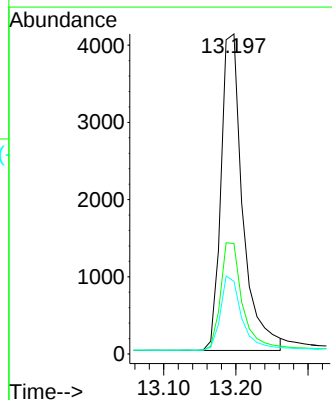
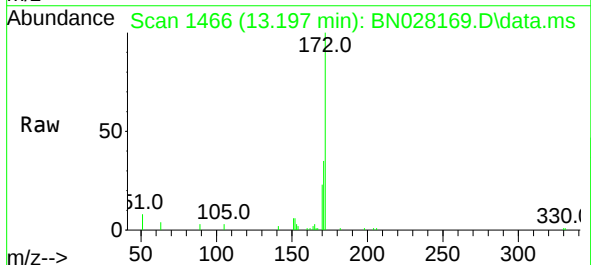


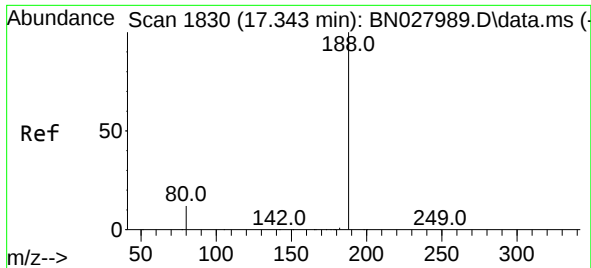
Tgt Ion:330 Resp: 659
Ion Ratio Lower Upper
330 100
332 95.9 78.1 117.1
141 52.2 33.4 50.2#



#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.197 min Scan# 1466
Delta R.T. 0.011 min
Lab File: BN028169.D
Acq: 09 Oct 2023 20:01

Tgt Ion:172 Resp: 8573
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 22.7 18.4 27.6

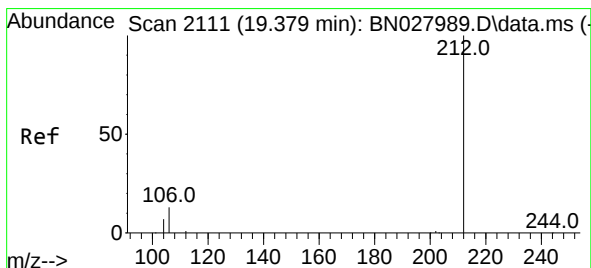
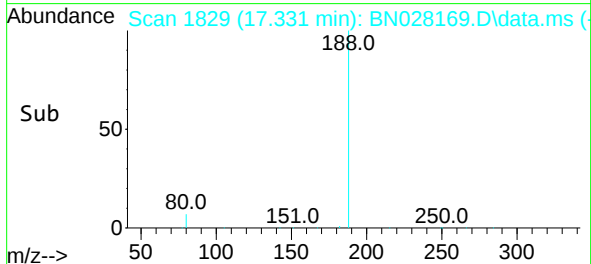
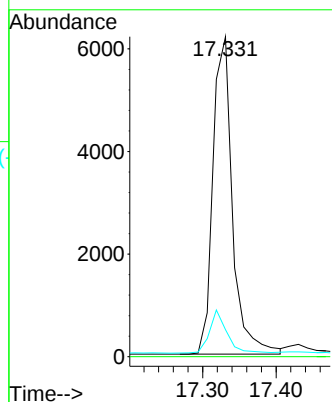
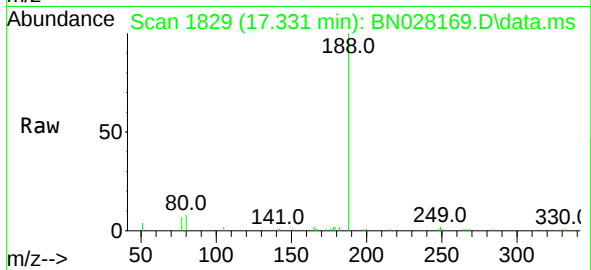




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.331 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN028169.D
Acq: 09 Oct 2023 20:01

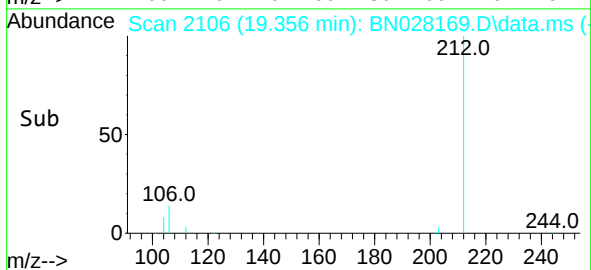
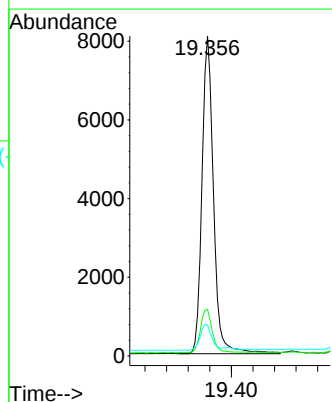
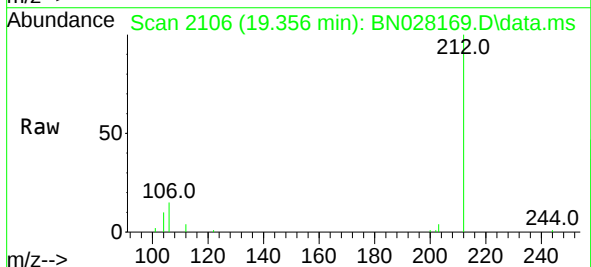
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-440-442

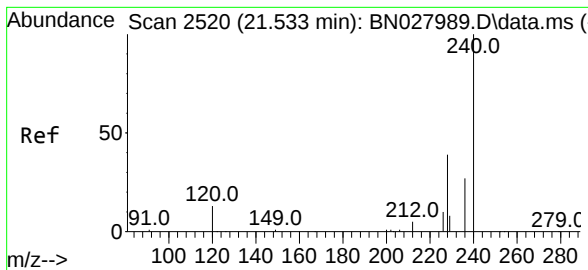
Tgt Ion:188 Resp: 11422
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 10.2 15.4#



#27
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.356 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN028169.D
Acq: 09 Oct 2023 20:01

Tgt Ion:212 Resp: 11993
Ion Ratio Lower Upper
212 100
106 13.9 11.3 16.9
104 8.2 6.4 9.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.515 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN028169.D

Acq: 09 Oct 2023 20:01

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-440-442

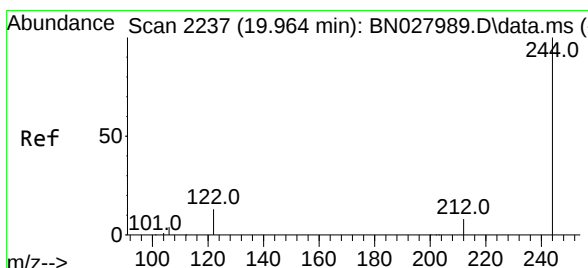
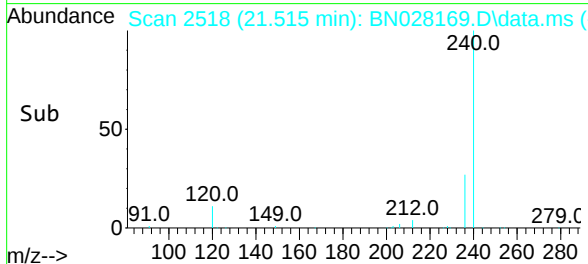
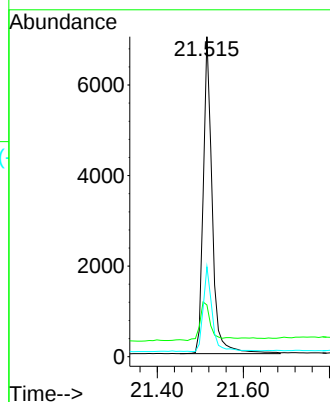
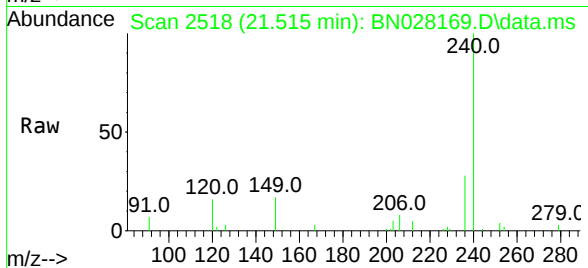
Tgt Ion:240 Resp: 10126

Ion Ratio Lower Upper

240 100

120 16.1 13.8 20.6

236 28.1 22.6 33.8



#31

Terphenyl-d14

Concen: 0.456 ng

RT: 19.941 min Scan# 2232

Delta R.T. -0.000 min

Lab File: BN028169.D

Acq: 09 Oct 2023 20:01

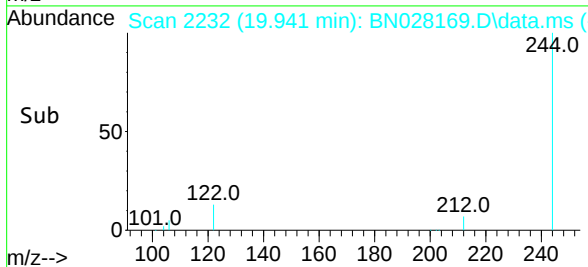
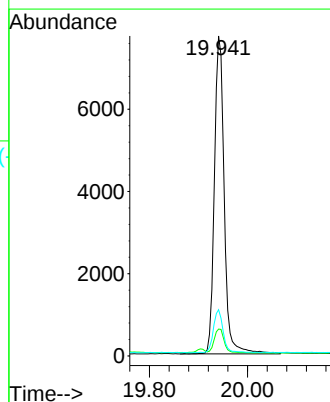
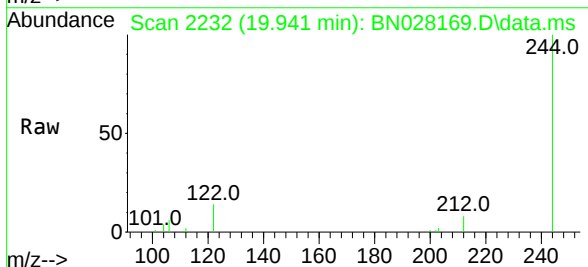
Tgt Ion:244 Resp: 10769

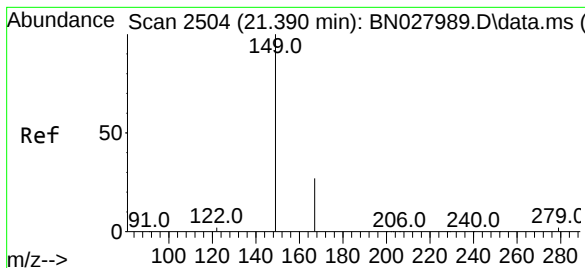
Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

122 14.4 11.4 17.0

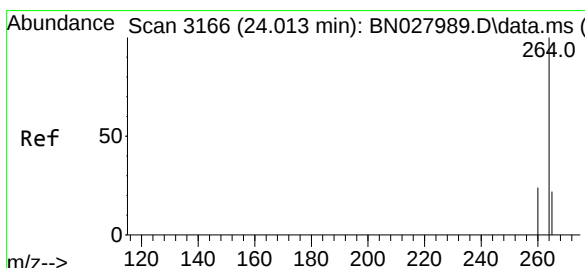
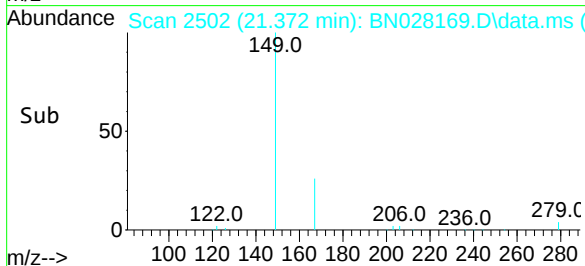
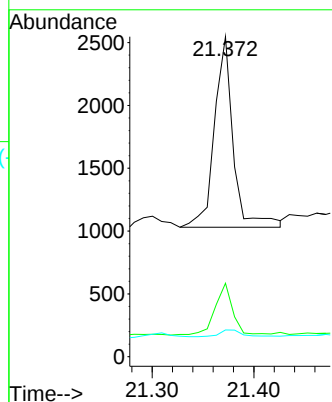
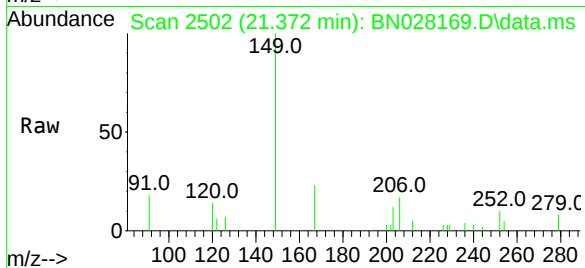




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.086 ng
 RT: 21.372 min Scan# 2135
 Delta R.T. 0.009 min
 Lab File: BN028169.D
 Acq: 09 Oct 2023 20:01

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-440-442

Tgt Ion:149 Resp: 1944
 Ion Ratio Lower Upper
 149 100
 167 25.3 22.1 33.1
 279 4.0 3.4 5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.981 min Scan# 3155
 Delta R.T. 0.006 min
 Lab File: BN028169.D
 Acq: 09 Oct 2023 20:01

Tgt Ion:264 Resp: 10587
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.4
 265 82.8 54.8 82.2#

