

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100223\
 Data File : BN028000.D
 Acq On : 02 Oct 2023 23:00
 Operator : MA/JU
 Sample : 04526-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-400-402

Quant Time: Oct 03 01:31:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:18:04 2023
 Response via : Initial Calibration

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

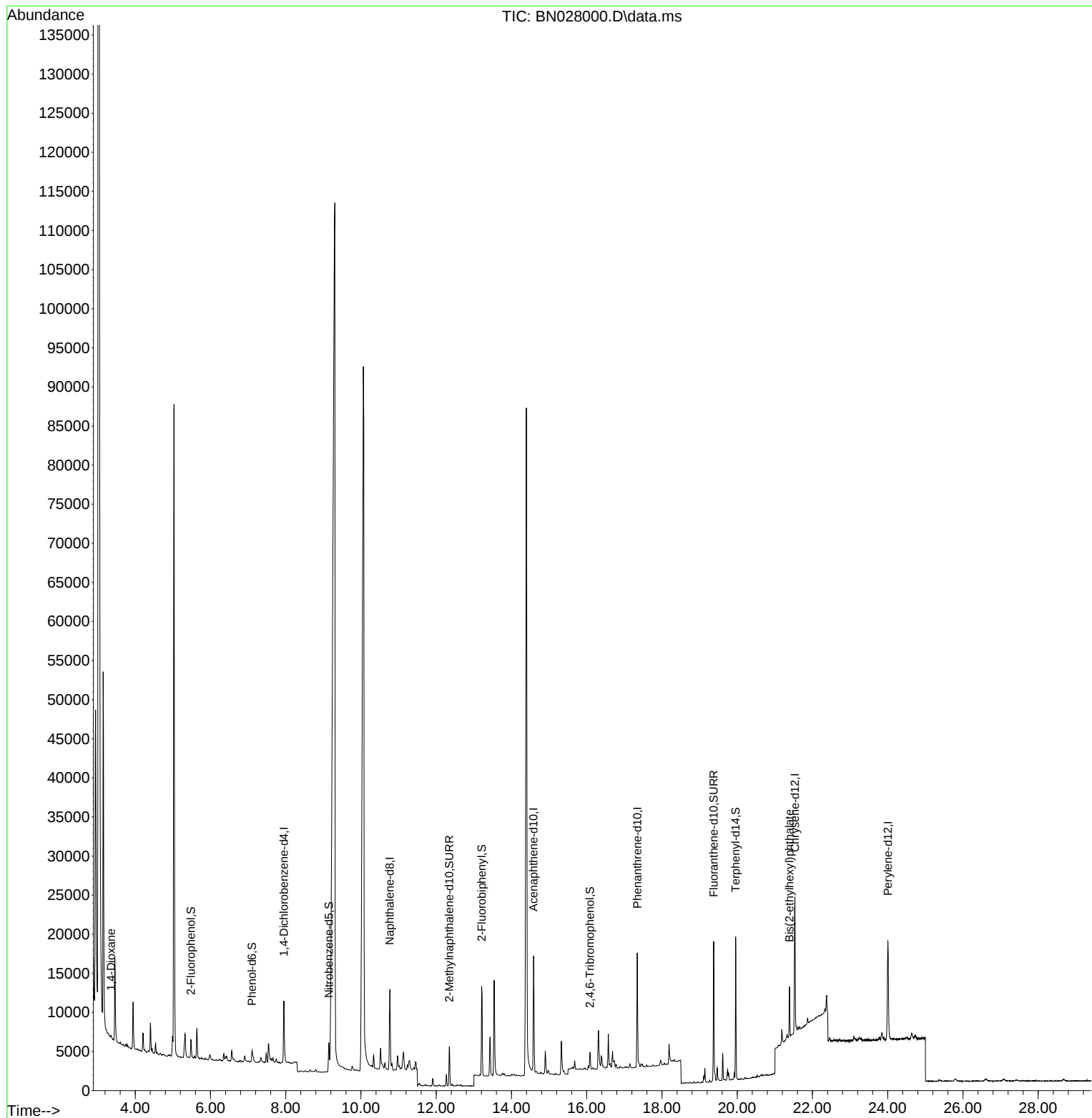
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	3932	0.400	ng	0.00
7) Naphthalene-d8	10.767	136	13313	0.400	ng	0.00
13) Acenaphthene-d10	14.587	164	8818	0.400	ng	-0.01
19) Phenanthrene-d10	17.344	188	18122	0.400	ng	0.00
29) Chrysene-d12	21.533	240	17844	0.400	ng	# 0.00
35) Perylene-d12	24.004	264	18840	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.481	112	2011	0.171	ng	0.00
5) Phenol-d6	7.106	99	1652	0.112	ng	0.00
8) Nitrobenzene-d5	9.145	82	3568	0.315	ng	0.00
11) 2-Methylnaphthalene-d10	12.347	152	6747	0.342	ng	0.00
14) 2,4,6-Tribromophenol	16.090	330	1268	0.314	ng	0.00
15) 2-Fluorobiphenyl	13.208	172	10588	0.333	ng	-0.01
27) Fluoranthene-d10	19.374	212	18860	0.414	ng	0.00
31) Terphenyl-d14	19.960	244	17685	0.425	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.357	88	357	0.081	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.390	149	5693	0.143	ng	97

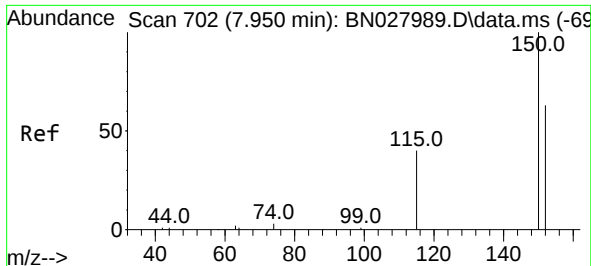
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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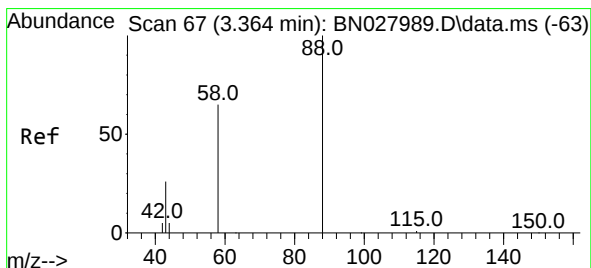
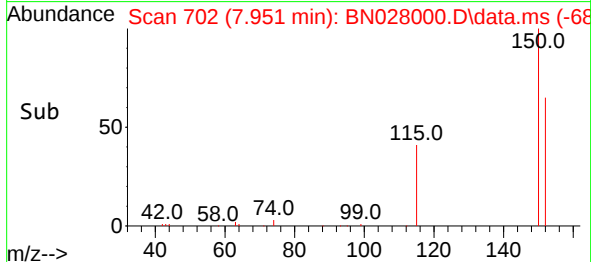
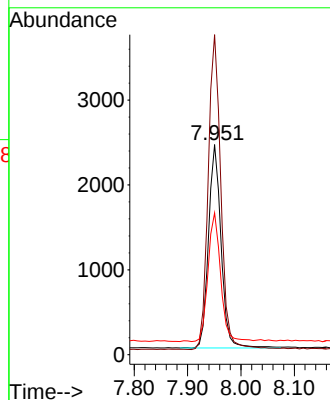
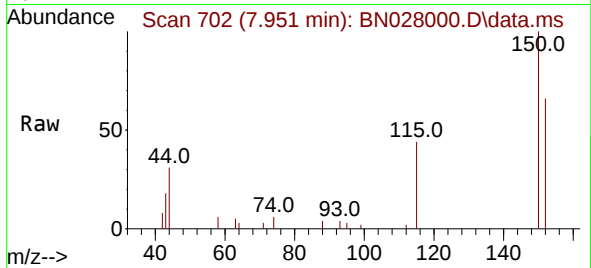




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.951 min Scan# 702
 Delta R.T. 0.001 min
 Lab File: BN028000.D
 Acq: 02 Oct 2023 23:00

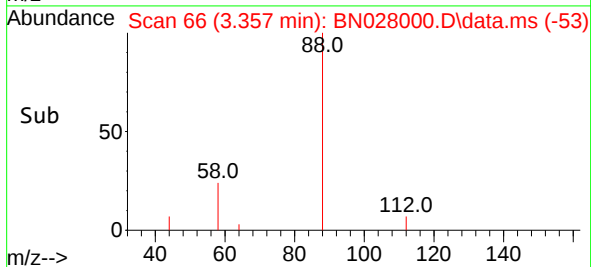
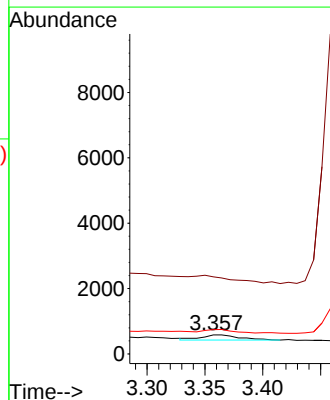
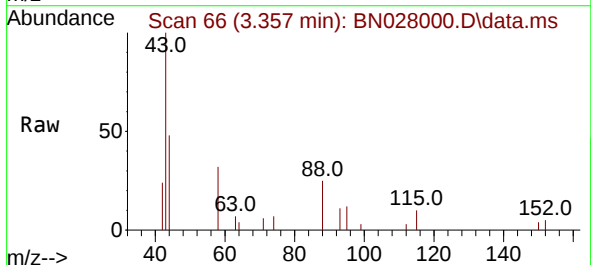
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-400-402

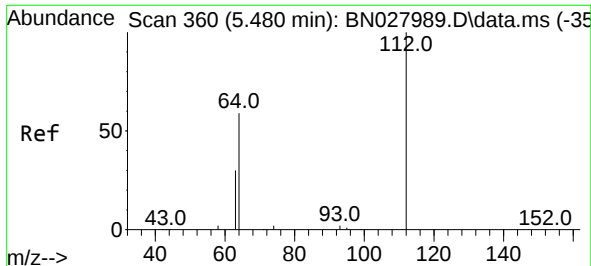
Tgt Ion: 152 Resp: 3932
 Ion Ratio Lower Upper
 152 100
 150 152.3 125.6 188.4
 115 67.4 54.8 82.2



#2
 1,4-Dioxane
 Concen: 0.081 ng
 RT: 3.357 min Scan# 66
 Delta R.T. -0.007 min
 Lab File: BN028000.D
 Acq: 02 Oct 2023 23:00

Tgt Ion: 88 Resp: 357
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.6 36.8#
 58 64.7 53.8 80.6

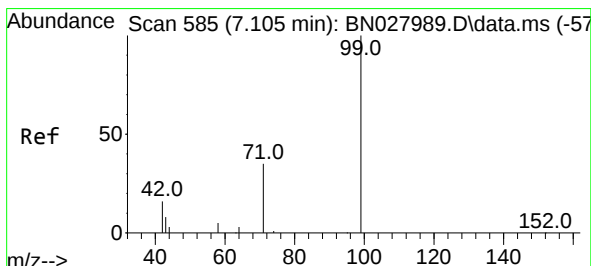
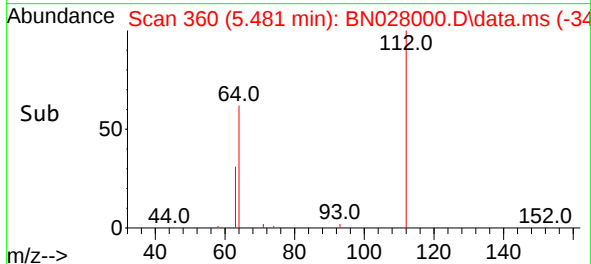
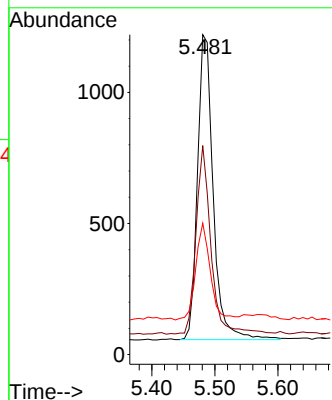
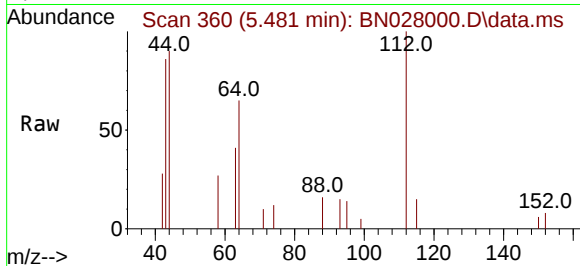




#4
2-Fluorophenol
Concen: 0.171 ng
RT: 5.481 min Scan# 360
Delta R.T. 0.000 min
Lab File: BN028000.D
Acq: 02 Oct 2023 23:00

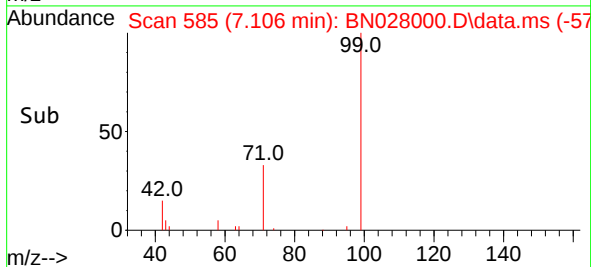
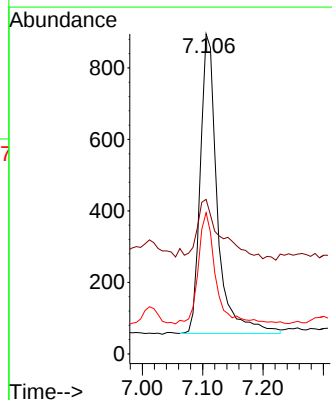
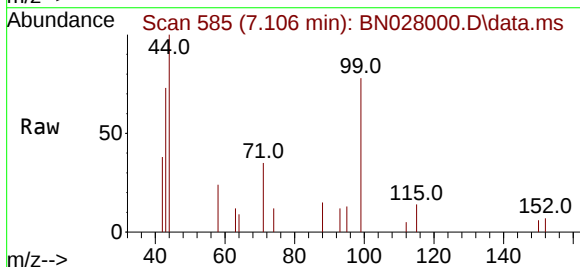
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-400-402

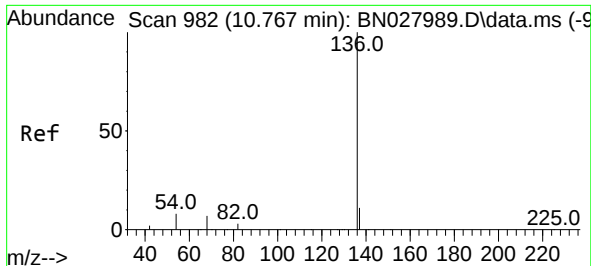
Tgt Ion:112 Resp: 2011
Ion Ratio Lower Upper
112 100
64 58.2 45.0 67.6
63 29.3 23.4 35.0



#5
Phenol-d6
Concen: 0.112 ng
RT: 7.106 min Scan# 585
Delta R.T. 0.000 min
Lab File: BN028000.D
Acq: 02 Oct 2023 23:00

Tgt Ion: 99 Resp: 1652
Ion Ratio Lower Upper
99 100
42 28.9 14.6 22.0#
71 37.9 28.3 42.5

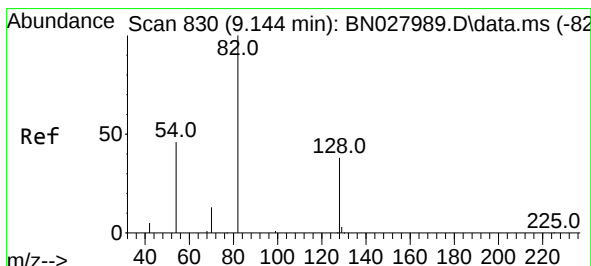
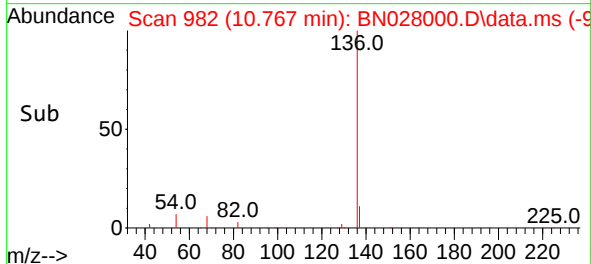
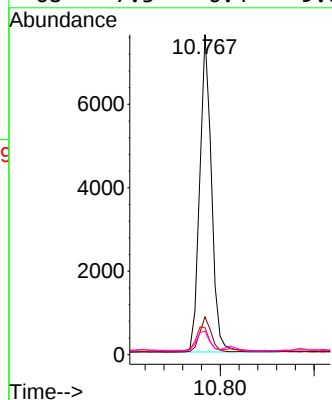
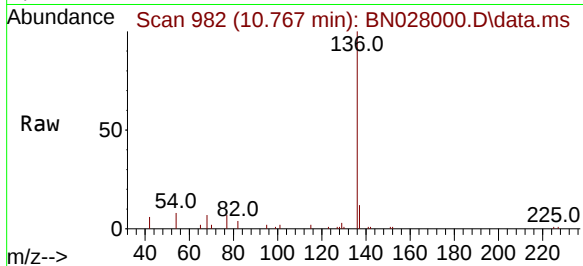




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.767 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN028000.D
Acq: 02 Oct 2023 23:00

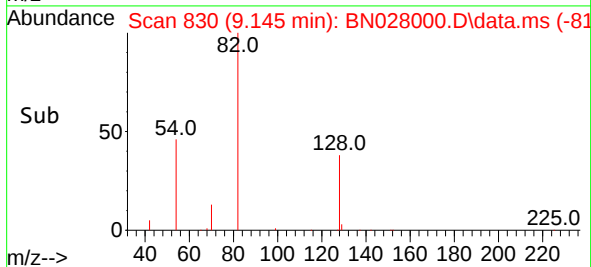
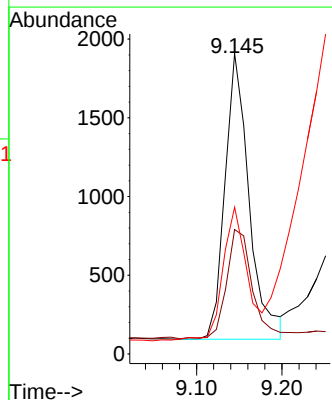
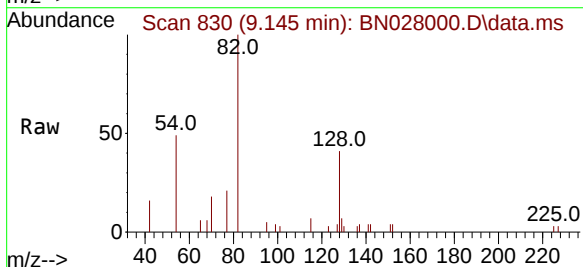
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-400-402

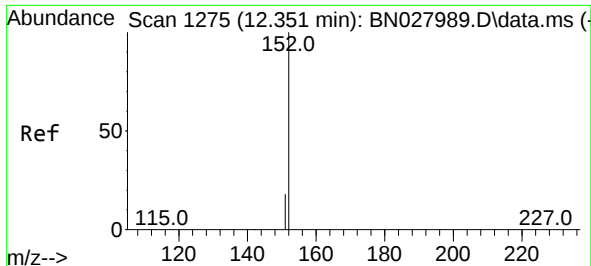
Tgt Ion:	136	Resp:	13313
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.0
54	8.4	7.0	10.6
68	7.3	6.4	9.6



#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 9.145 min Scan# 830
Delta R.T. 0.000 min
Lab File: BN028000.D
Acq: 02 Oct 2023 23:00

Tgt Ion:	82	Resp:	3568
Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.7	49.1
54	48.8	38.7	58.1





#11

2-Methylnaphthalene-d10

Concen: 0.342 ng

RT: 12.347 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN028000.D

Acq: 02 Oct 2023 23:00

Instrument :

BNA_N

ClientSampleId :

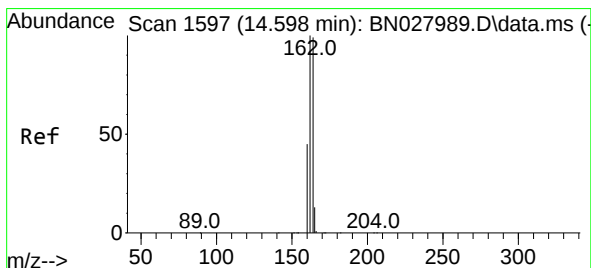
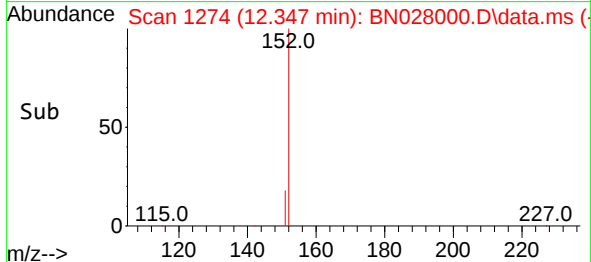
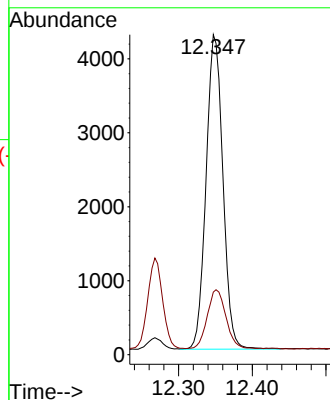
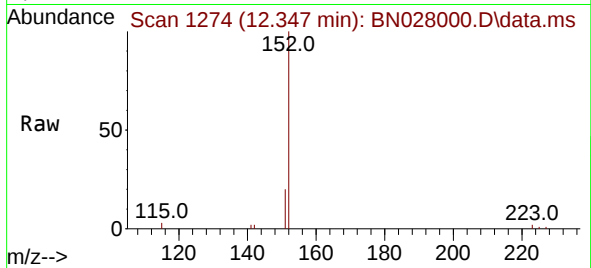
BP-VPB-RW10A-GW-400-402

Tgt Ion:152 Resp: 6747

Ion Ratio Lower Upper

152 100

151 20.7 16.5 24.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.587 min Scan# 1596

Delta R.T. -0.011 min

Lab File: BN028000.D

Acq: 02 Oct 2023 23:00

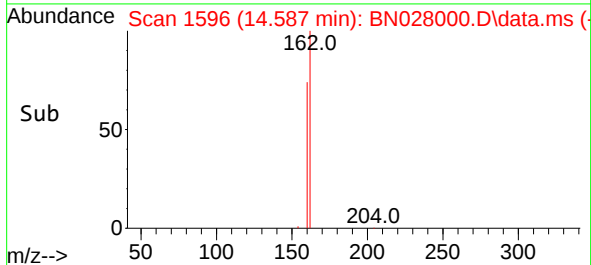
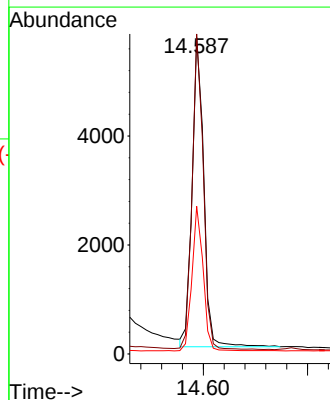
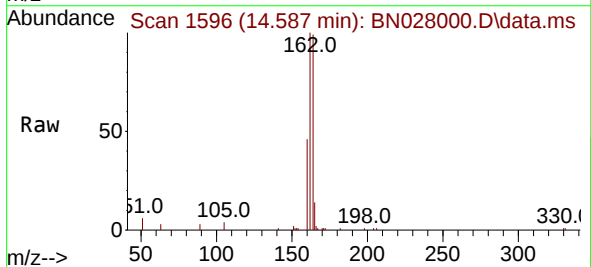
Tgt Ion:164 Resp: 8818

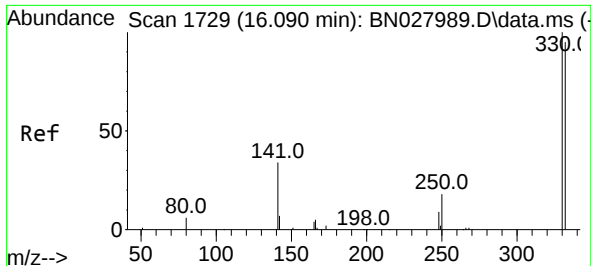
Ion Ratio Lower Upper

164 100

162 101.2 80.8 121.2

160 46.7 36.4 54.6

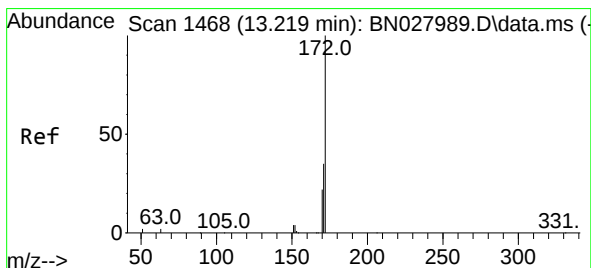
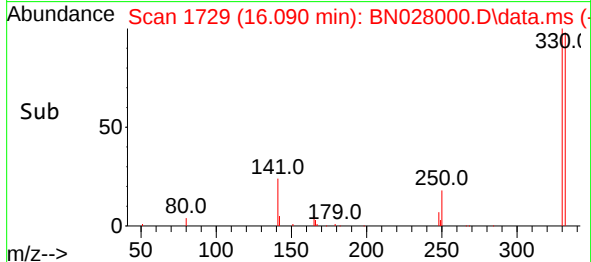
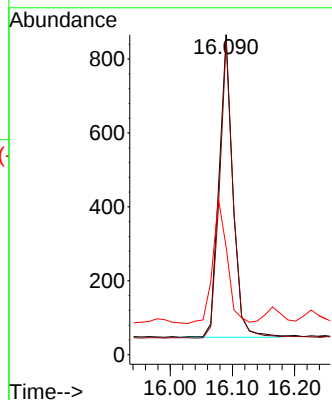
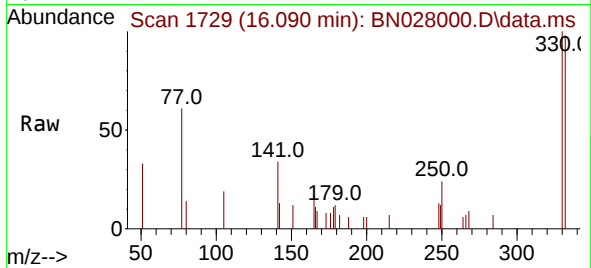




#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 16.090 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028000.D
Acq: 02 Oct 2023 23:00

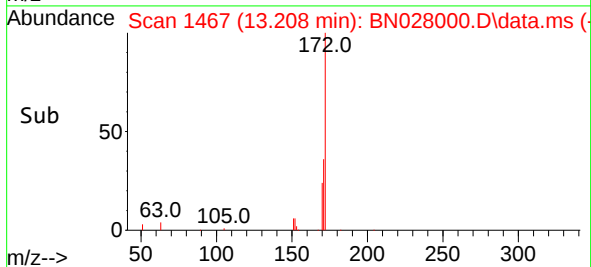
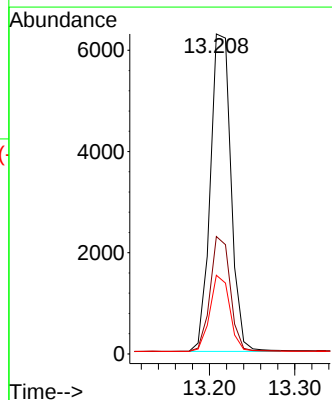
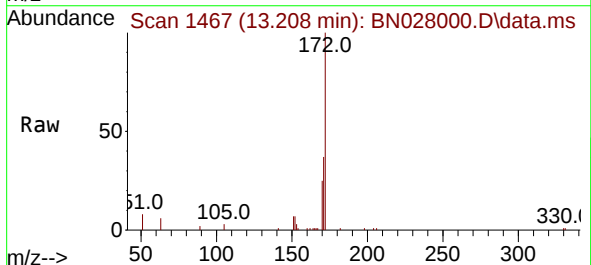
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-400-402

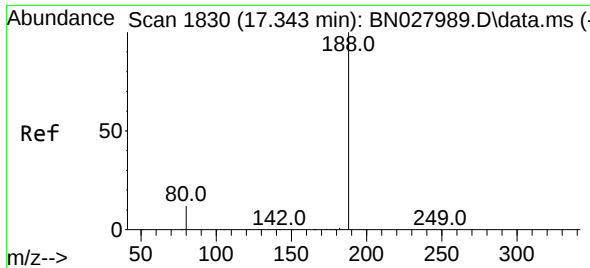
Tgt Ion:330 Resp: 1268
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 43.1 33.4 50.2



#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.208 min Scan# 1467
Delta R.T. -0.011 min
Lab File: BN028000.D
Acq: 02 Oct 2023 23:00

Tgt Ion:172 Resp: 10588
Ion Ratio Lower Upper
172 100
171 36.7 28.1 42.1
170 24.6 18.4 27.6

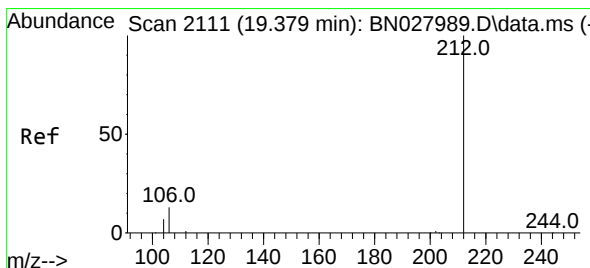
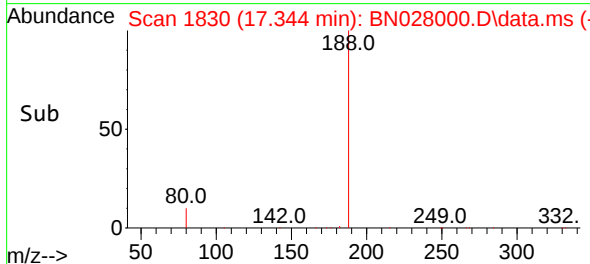
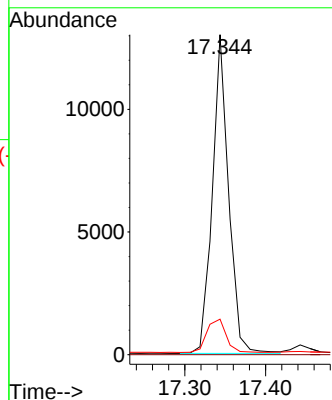
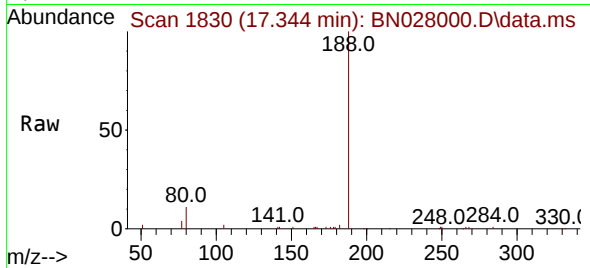




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.344 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN028000.D
Acq: 02 Oct 2023 23:00

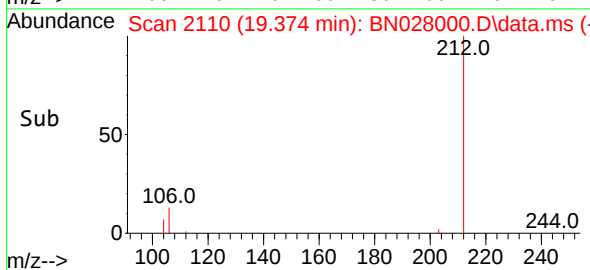
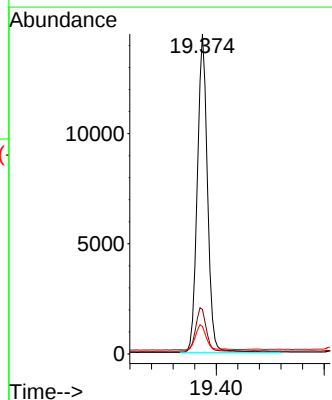
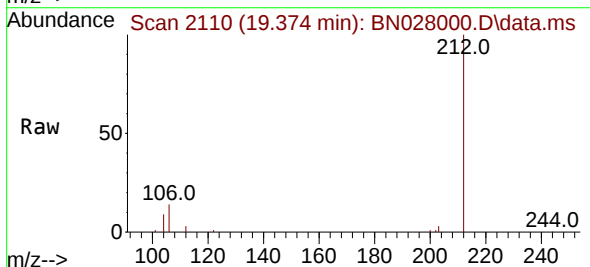
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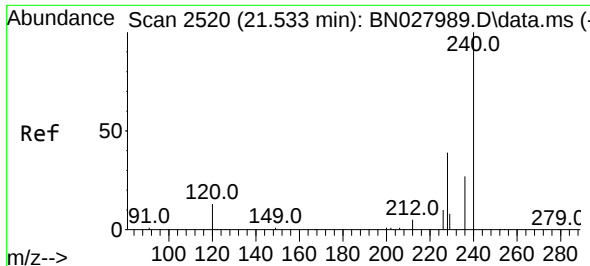
Tgt Ion:188 Resp: 18122
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 10.2 15.4



#27
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.374 min Scan# 2110
Delta R.T. -0.005 min
Lab File: BN028000.D
Acq: 02 Oct 2023 23:00

Tgt Ion:212 Resp: 18860
Ion Ratio Lower Upper
212 100
106 14.0 11.3 16.9
104 8.1 6.4 9.6

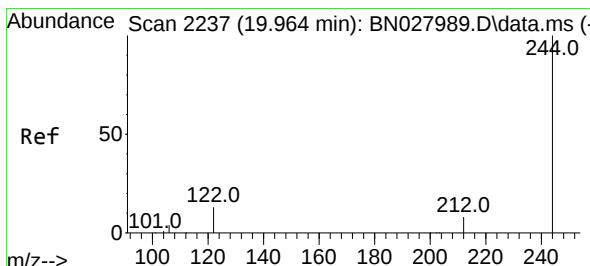
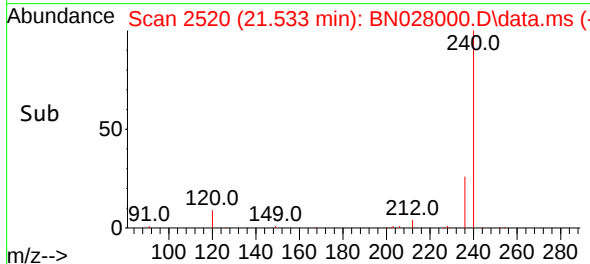
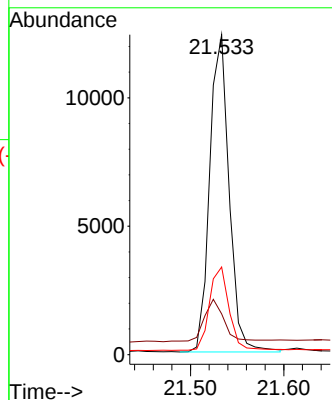
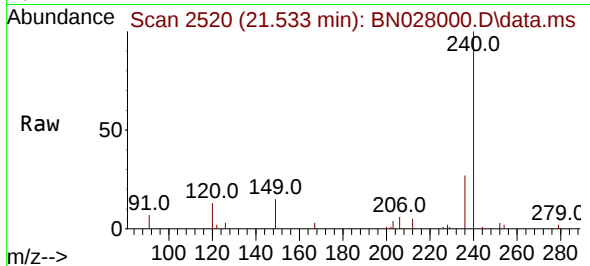




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN028000.D
Acq: 02 Oct 2023 23:00

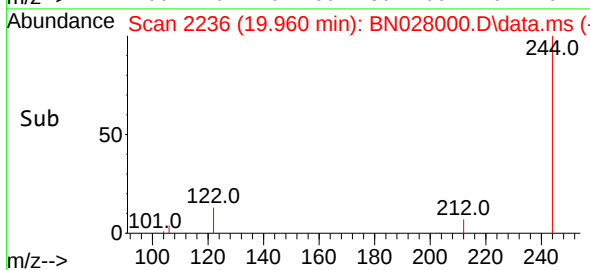
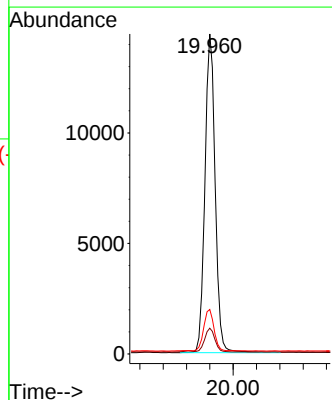
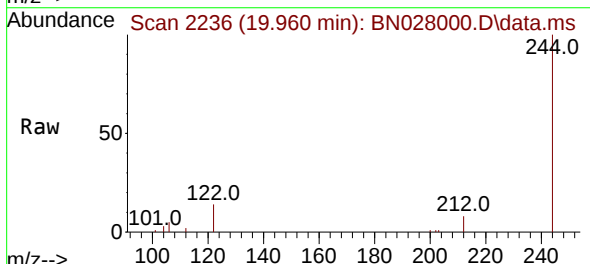
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-400-402

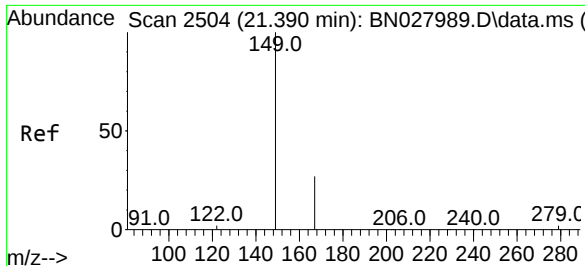
Tgt Ion:240 Resp: 17844
Ion Ratio Lower Upper
240 100
120 12.8 13.8 20.6#
236 27.4 22.6 33.8



#31
Terphenyl-d14
Concen: 0.425 ng
RT: 19.960 min Scan# 2236
Delta R.T. -0.005 min
Lab File: BN028000.D
Acq: 02 Oct 2023 23:00

Tgt Ion:244 Resp: 17685
Ion Ratio Lower Upper
244 100
212 8.0 6.6 9.8
122 13.9 11.4 17.0

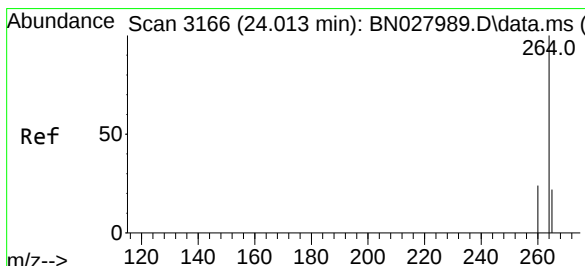
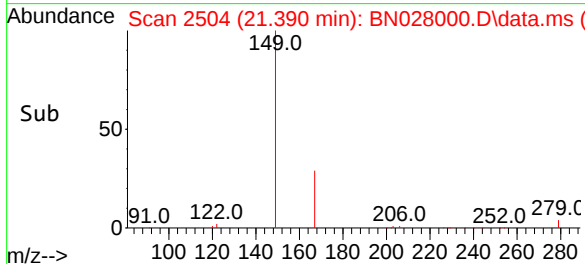
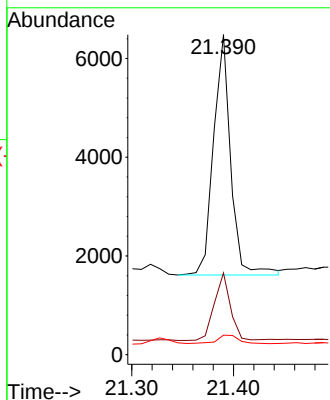
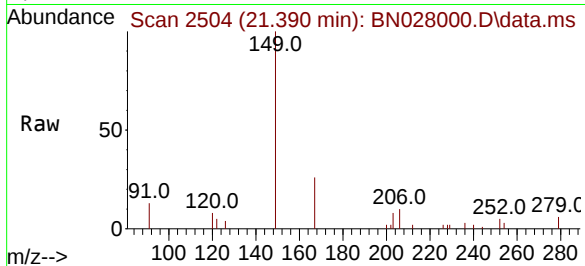




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.143 ng
 RT: 21.390 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN028000.D
 Acq: 02 Oct 2023 23:00

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-400-402

Tgt Ion:149 Resp: 5693
 Ion Ratio Lower Upper
 149 100
 167 26.1 22.1 33.1
 279 4.5 3.4 5.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.004 min Scan# 3163
 Delta R.T. -0.009 min
 Lab File: BN028000.D
 Acq: 02 Oct 2023 23:00

Tgt Ion:264 Resp: 18840
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.2 30.4
 265 62.6 54.8 82.2

