

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100223\
 Data File : BN027999.D
 Acq On : 02 Oct 2023 22:24
 Operator : MA/JU
 Sample : 04526-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-360-362

Quant Time: Oct 03 01:31:01 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)

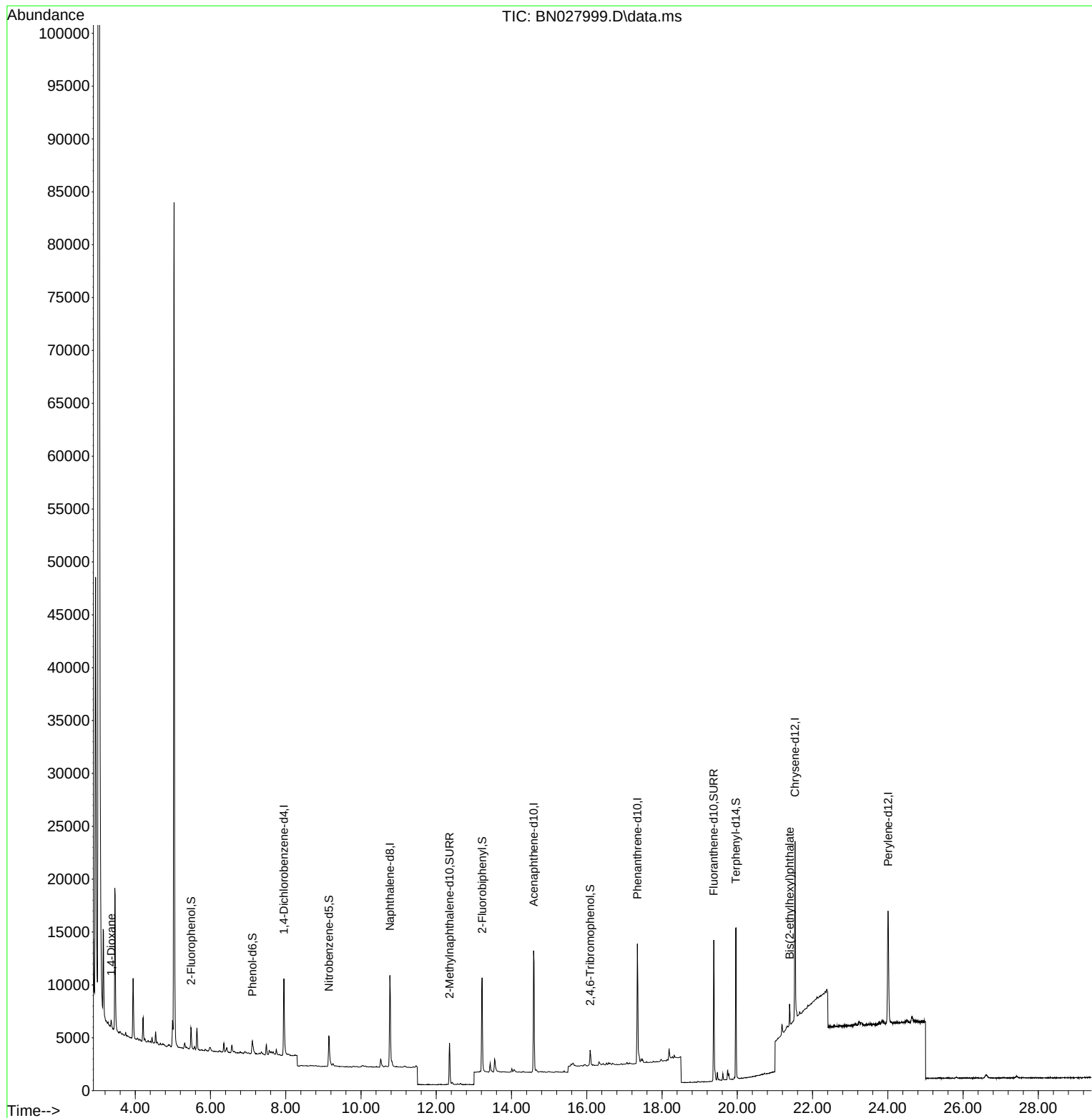
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	3769	0.400	ng	0.00
7) Naphthalene-d8	10.767	136	12487	0.400	ng	0.00
13) Acenaphthene-d10	14.587	164	7447	0.400	ng	-0.01
19) Phenanthrene-d10	17.344	188	16137	0.400	ng	0.00
29) Chrysene-d12	21.533	240	15749	0.400	ng	# 0.00
35) Perylene-d12	24.007	264	16048	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.488	112	1826	0.162	ng	0.00
5) Phenol-d6	7.113	99	1454	0.102	ng	0.00
8) Nitrobenzene-d5	9.144	82	3136	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.351	152	5840	0.316	ng	0.00
14) 2,4,6-Tribromophenol	16.090	330	925	0.271	ng	0.00
15) 2-Fluorobiphenyl	13.219	172	8755	0.326	ng	0.00
27) Fluoranthene-d10	19.374	212	15630	0.386	ng	0.00
31) Terphenyl-d14	19.964	244	14835	0.404	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.364	88	609	0.144	ng	# 56
34) Bis(2-ethylhexyl)phtha...	21.390	149	1986	0.056	ng	# 99

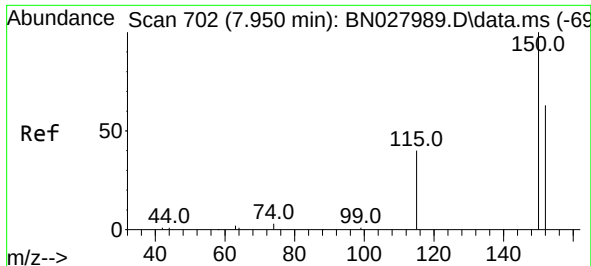
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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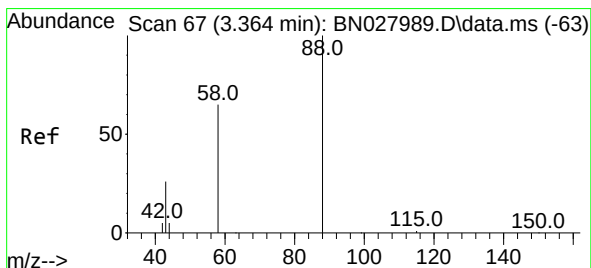
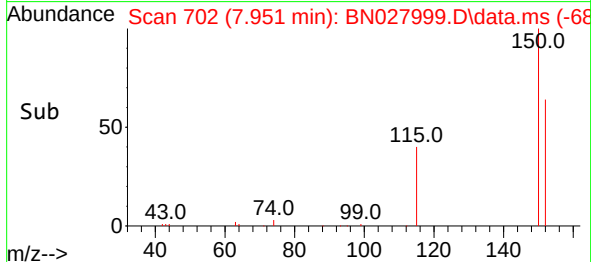
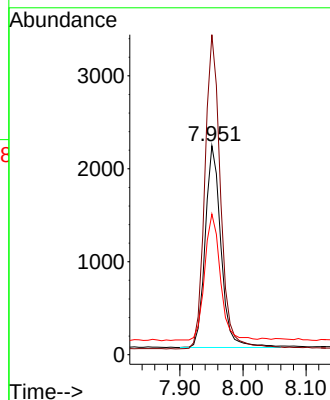
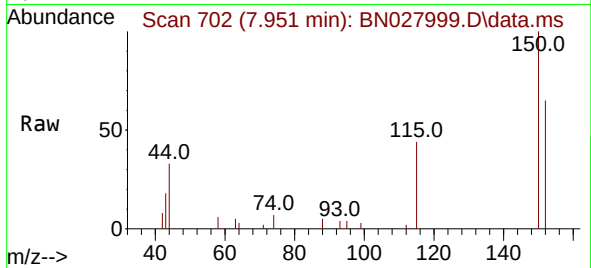




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.951 min Scan# 702
 Delta R.T. 0.001 min
 Lab File: BN027999.D
 Acq: 02 Oct 2023 22:24

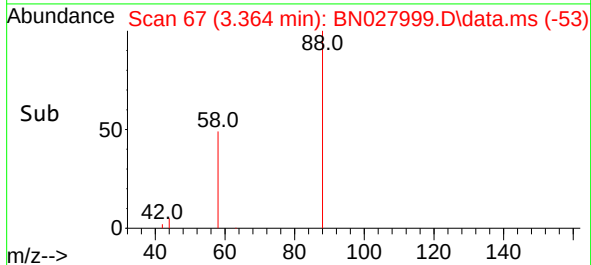
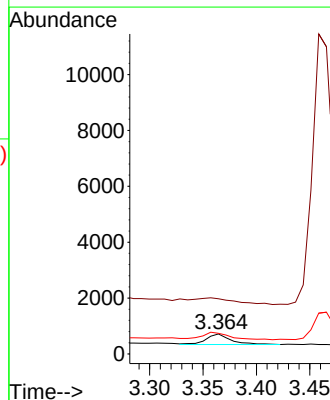
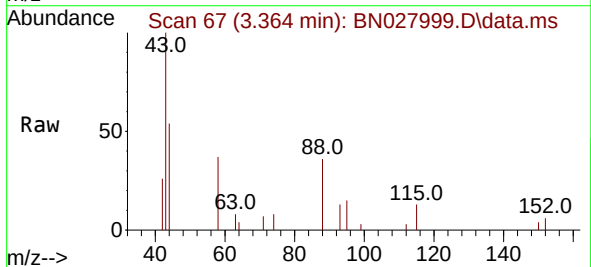
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-360-362

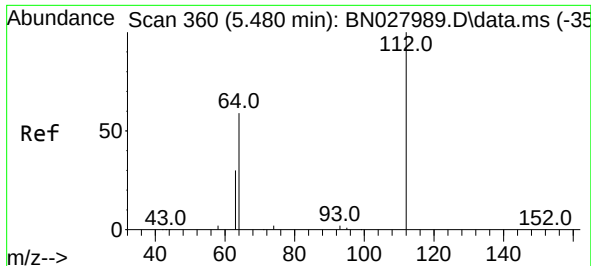
Tgt Ion:152 Resp: 3769
 Ion Ratio Lower Upper
 152 100
 150 153.1 125.6 188.4
 115 67.3 54.8 82.2



#2
 1,4-Dioxane
 Concen: 0.144 ng
 RT: 3.364 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: BN027999.D
 Acq: 02 Oct 2023 22:24

Tgt Ion: 88 Resp: 609
 Ion Ratio Lower Upper
 88 100
 43 95.9 24.6 36.8#
 58 74.9 53.8 80.6

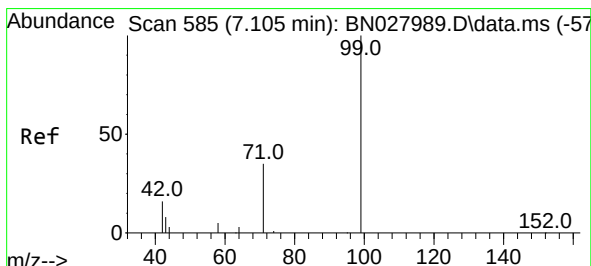
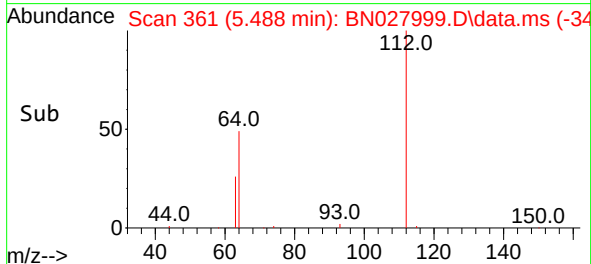
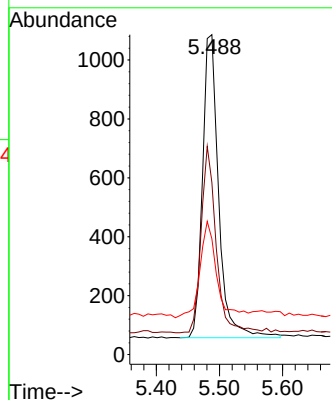
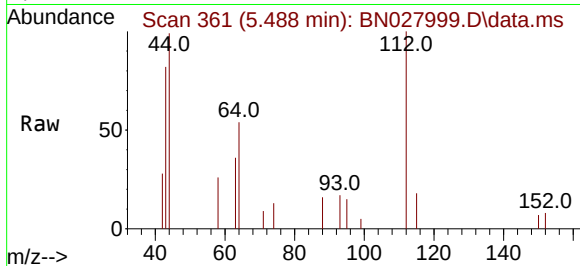




#4
2-Fluorophenol
Concen: 0.162 ng
RT: 5.488 min Scan# 361
Delta R.T. 0.007 min
Lab File: BN027999.D
Acq: 02 Oct 2023 22:24

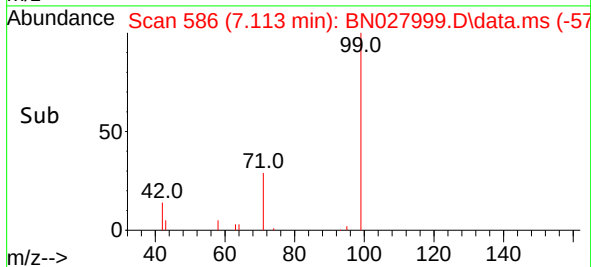
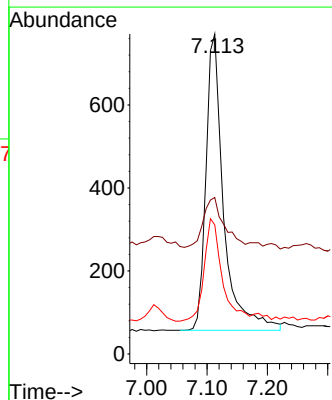
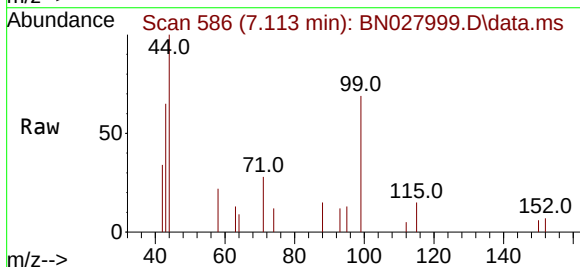
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-360-362

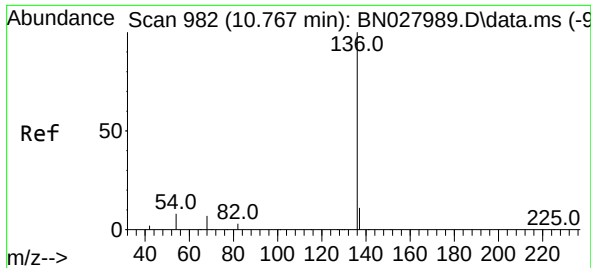
Tgt Ion:112 Resp: 1826
Ion Ratio Lower Upper
112 100
64 57.1 45.0 67.6
63 32.7 23.4 35.0



#5
Phenol-d6
Concen: 0.102 ng
RT: 7.113 min Scan# 586
Delta R.T. 0.007 min
Lab File: BN027999.D
Acq: 02 Oct 2023 22:24

Tgt Ion: 99 Resp: 1454
Ion Ratio Lower Upper
99 100
42 19.4 14.6 22.0
71 35.1 28.3 42.5

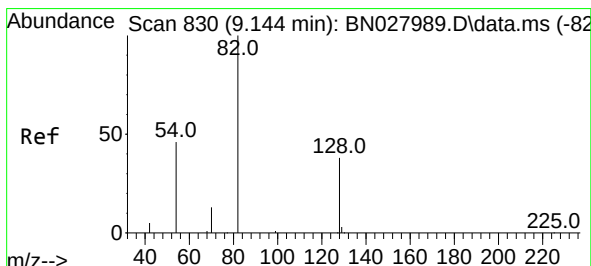
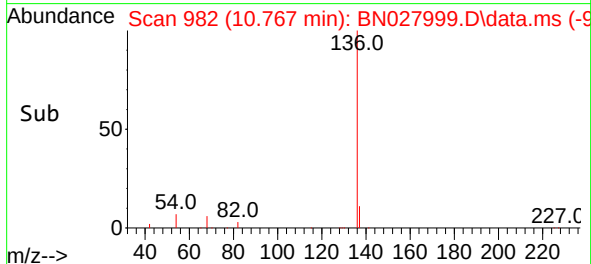
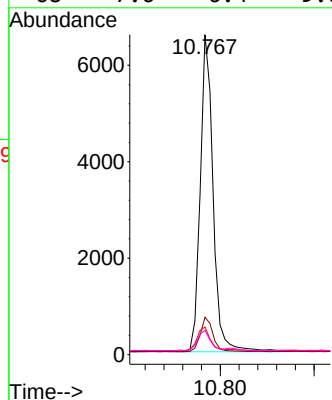
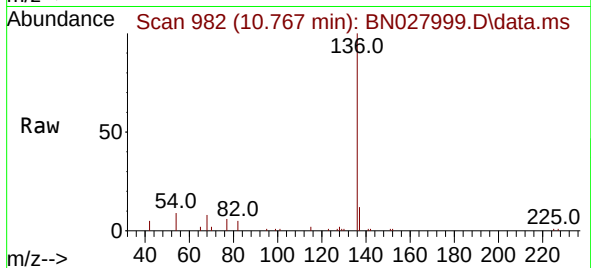




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.767 min Scan# 982
Delta R.T. 0.000 min
Lab File: BN027999.D
Acq: 02 Oct 2023 22:24

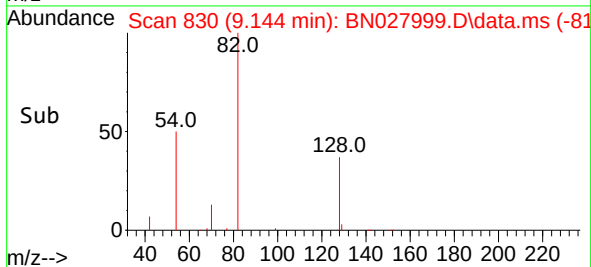
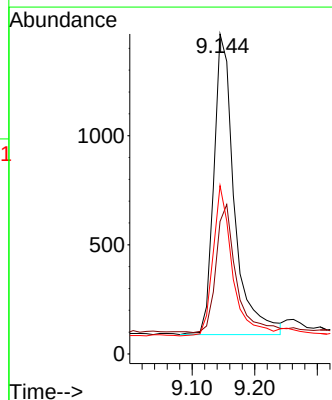
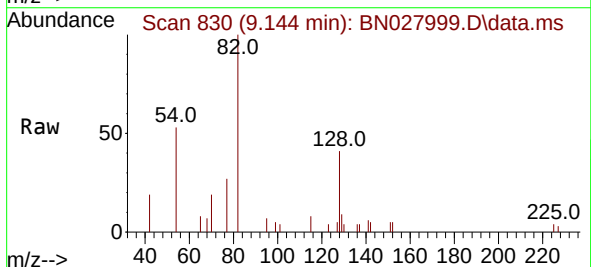
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-360-362

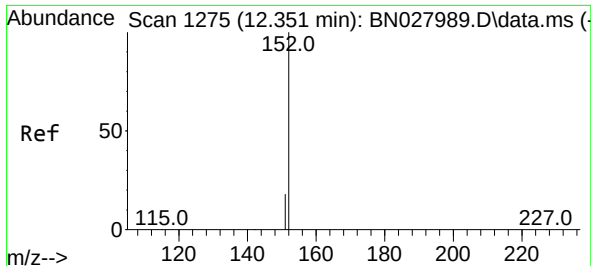
Tgt Ion:	136	Resp:	12487
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	8.7	7.0	10.6
68	7.6	6.4	9.6



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 9.144 min Scan# 830
Delta R.T. 0.000 min
Lab File: BN027999.D
Acq: 02 Oct 2023 22:24

Tgt Ion:	82	Resp:	3136
Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.7	49.1
54	52.6	38.7	58.1





#11

2-Methylnaphthalene-d10

Concen: 0.316 ng

RT: 12.351 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027999.D

Acq: 02 Oct 2023 22:24

Instrument :

BNA_N

ClientSampleId :

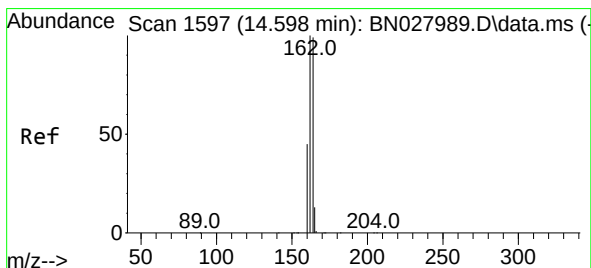
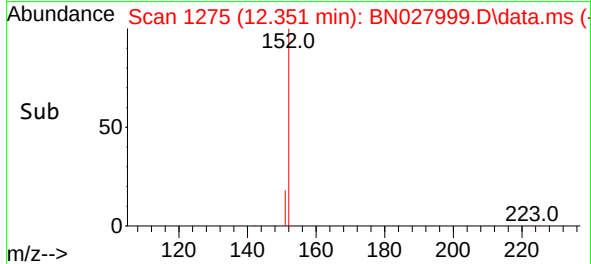
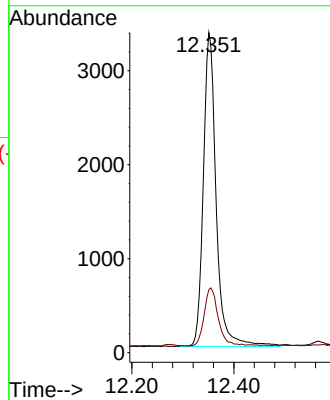
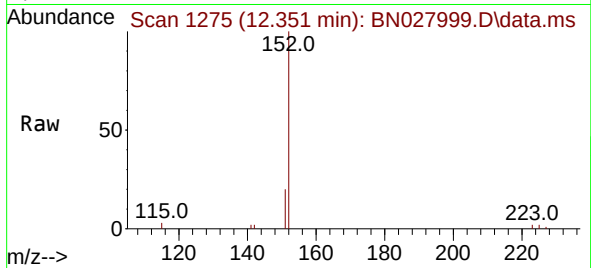
BP-VPB-RW10A-GW-360-362

Tgt Ion:152 Resp: 5840

Ion Ratio Lower Upper

152 100

151 20.2 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: BN027999.D

Acq: 02 Oct 2023 22:24

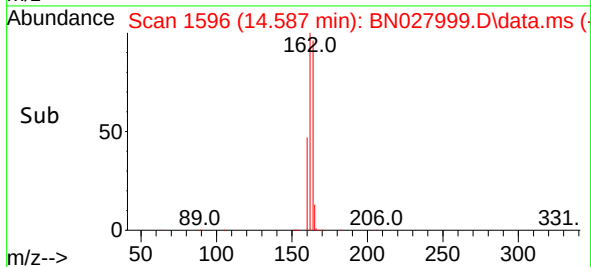
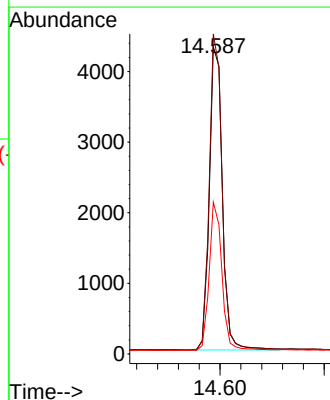
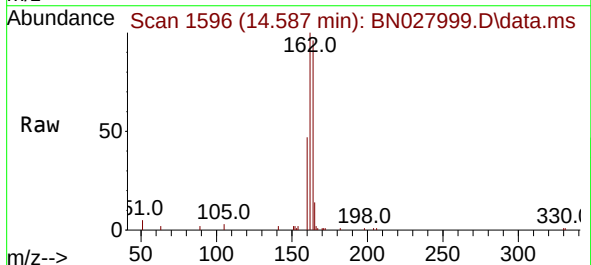
Tgt Ion:164 Resp: 7447

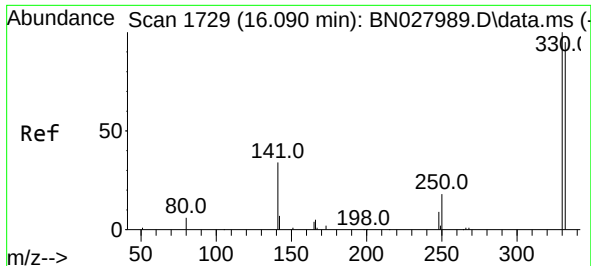
Ion Ratio Lower Upper

164 100

162 104.2 80.8 121.2

160 49.4 36.4 54.6

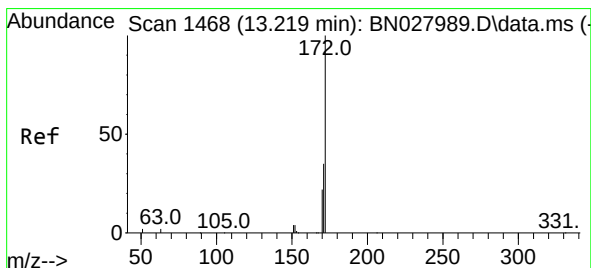
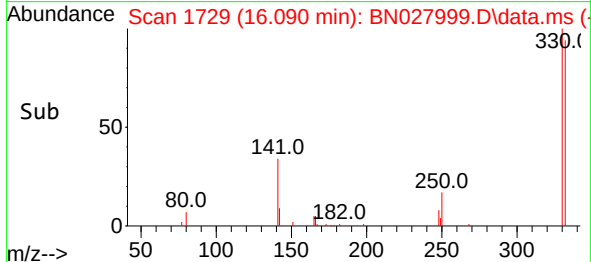
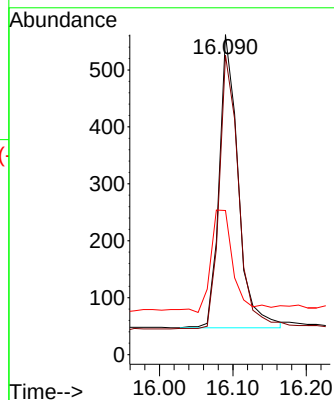
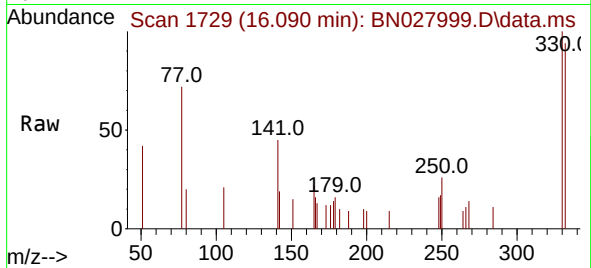




#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 16.090 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027999.D
Acq: 02 Oct 2023 22:24

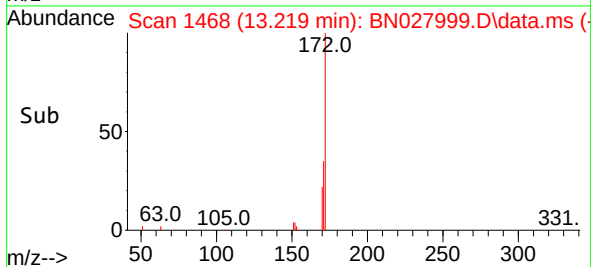
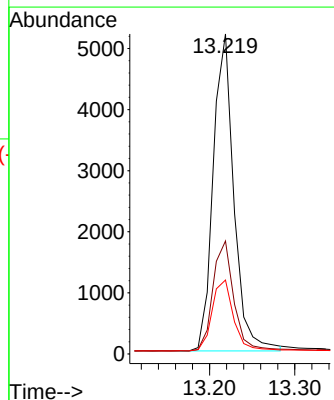
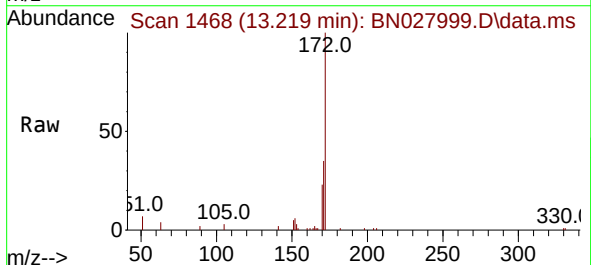
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-360-362

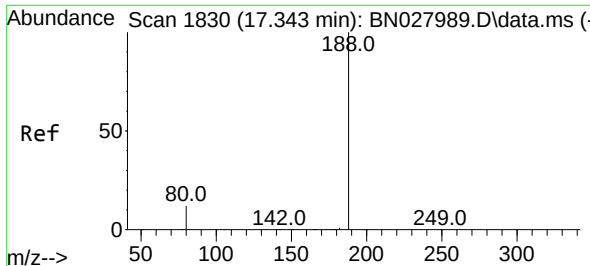
Tgt Ion:330 Resp: 925
Ion Ratio Lower Upper
330 100
332 96.0 78.1 117.1
141 37.9 33.4 50.2



#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 13.219 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN027999.D
Acq: 02 Oct 2023 22:24

Tgt Ion:172 Resp: 8755
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.1 18.4 27.6

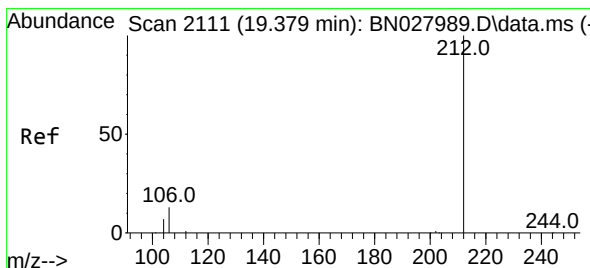
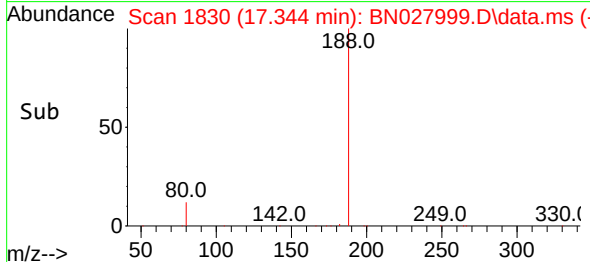
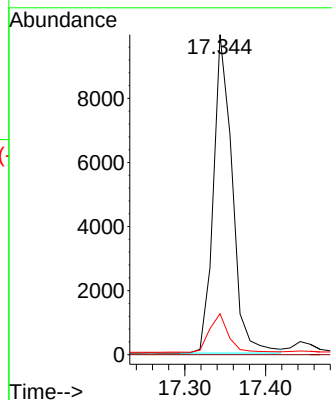
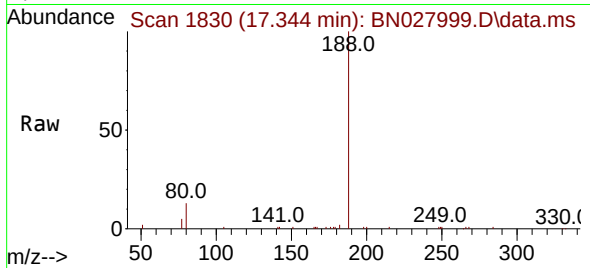




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.344 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN027999.D
Acq: 02 Oct 2023 22:24

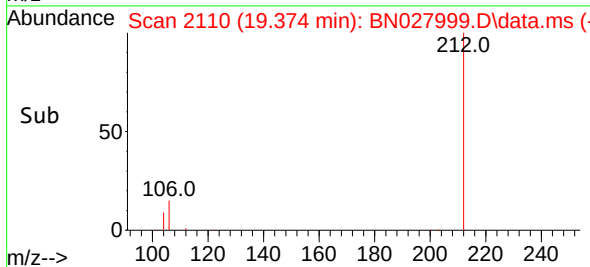
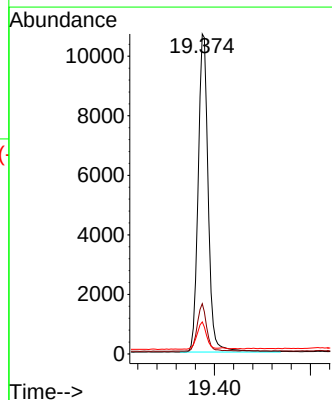
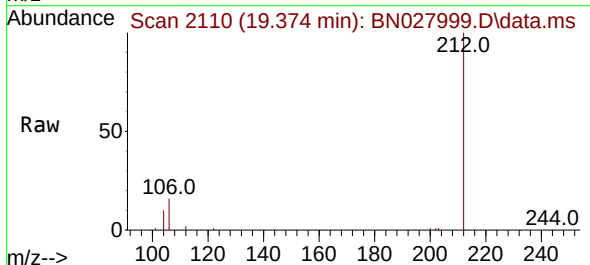
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-360-362

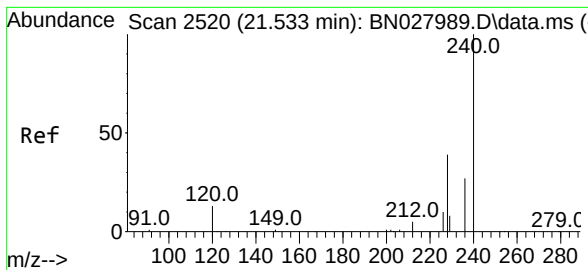
Tgt Ion:188 Resp: 16137
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 10.2 15.4



#27
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.374 min Scan# 2110
Delta R.T. -0.005 min
Lab File: BN027999.D
Acq: 02 Oct 2023 22:24

Tgt Ion:212 Resp: 15630
Ion Ratio Lower Upper
212 100
106 14.3 11.3 16.9
104 8.0 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: BN027999.D

Acq: 02 Oct 2023 22:24

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-360-362

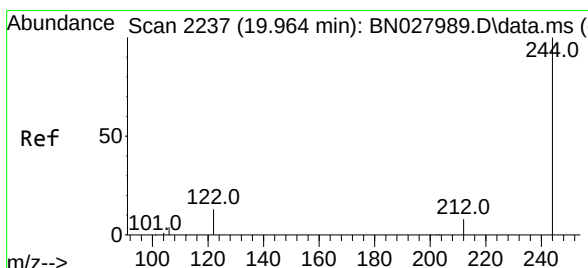
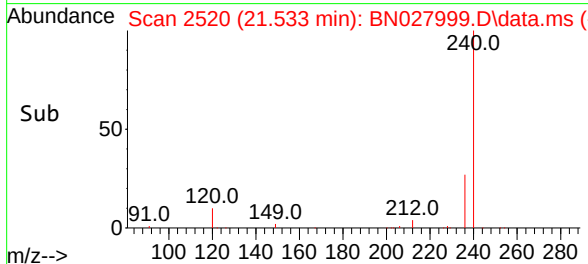
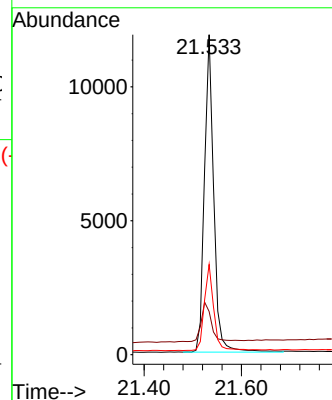
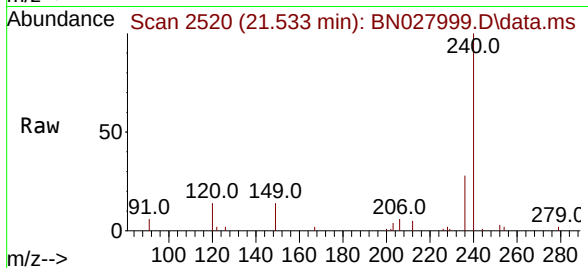
Tgt Ion:240 Resp: 15749

Ion Ratio Lower Upper

240 100

120 13.5 13.8 20.6#

236 28.2 22.6 33.8



#31

Terphenyl-d14

Concen: 0.404 ng

RT: 19.964 min Scan# 2237

Delta R.T. 0.000 min

Lab File: BN027999.D

Acq: 02 Oct 2023 22:24

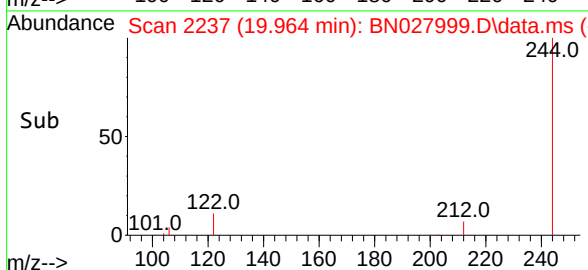
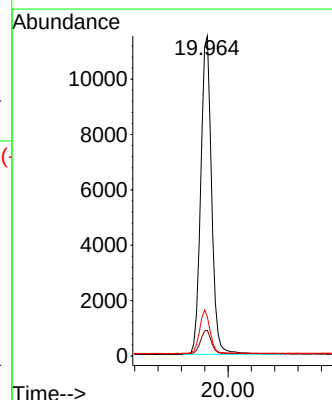
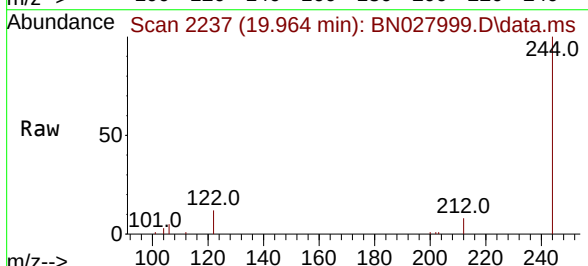
Tgt Ion:244 Resp: 14835

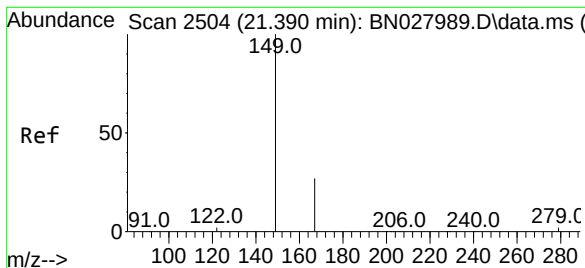
Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

122 12.2 11.4 17.0

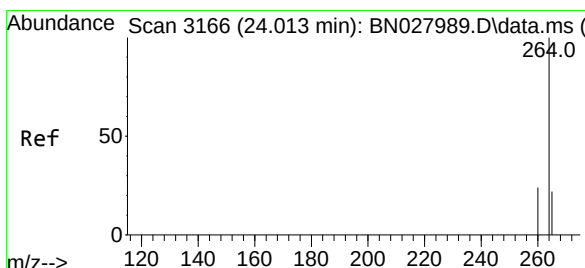
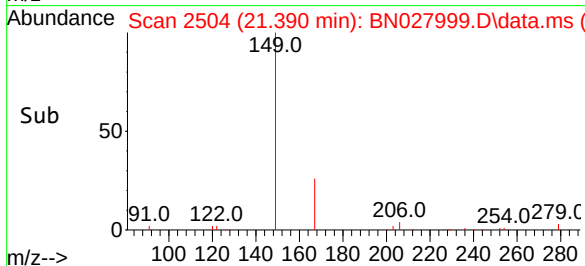
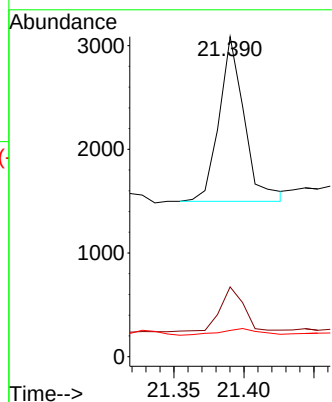
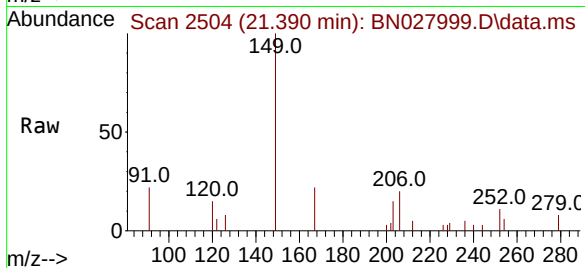




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.056 ng
 RT: 21.390 min Scan# 2139
 Delta R.T. 0.000 min
 Lab File: BN027999.D
 Acq: 02 Oct 2023 22:24

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-360-362

Tgt Ion:149 Resp: 1986
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.1 33.1
 279 6.0 3.4 5.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.007 min Scan# 3164
 Delta R.T. -0.006 min
 Lab File: BN027999.D
 Acq: 02 Oct 2023 22:24

Tgt Ion:264 Resp: 16048
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.2 30.4
 265 71.1 54.8 82.2

