

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100223\
 Data File : BN027998.D
 Acq On : 02 Oct 2023 21:47
 Operator : MA/JU
 Sample : 04526-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-320-322

Quant Time: Oct 03 01:30:50 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)

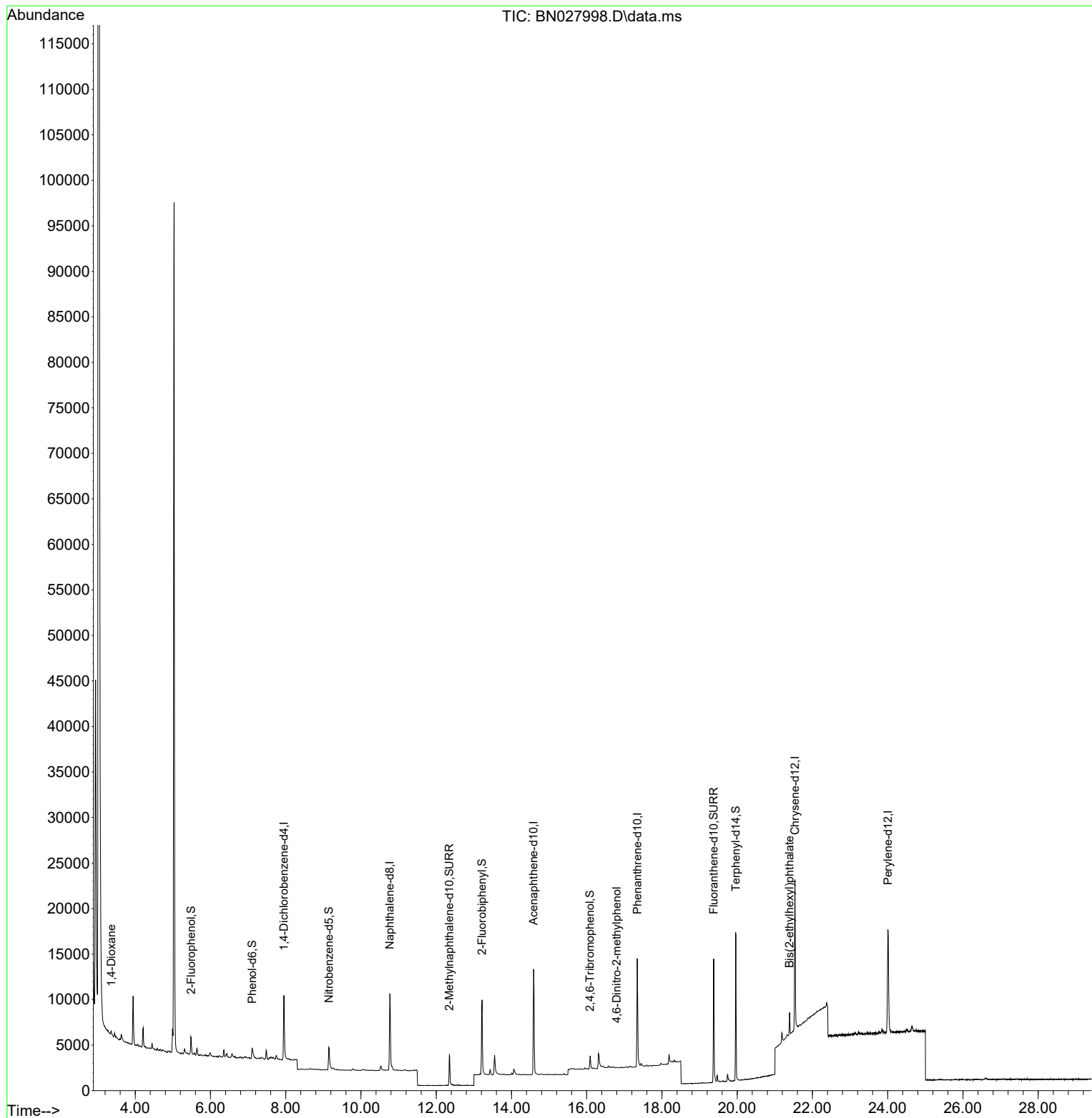
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	3716	0.400	ng	0.00
7) Naphthalene-d8	10.767	136	12120	0.400	ng	0.00
13) Acenaphthene-d10	14.587	164	7378	0.400	ng	-0.01
19) Phenanthrene-d10	17.343	188	16364	0.400	ng	0.00
29) Chrysene-d12	21.533	240	15912	0.400	ng	0.00
35) Perylene-d12	24.007	264	17004	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.488	112	1686	0.152	ng	0.00
5) Phenol-d6	7.113	99	1406	0.101	ng	0.00
8) Nitrobenzene-d5	9.144	82	2693	0.261	ng	0.00
11) 2-Methylnaphthalene-d10	12.351	152	5017	0.279	ng	0.00
14) 2,4,6-Tribromophenol	16.090	330	857	0.254	ng	0.00
15) 2-Fluorobiphenyl	13.219	172	8038	0.302	ng	0.00
27) Fluoranthene-d10	19.374	212	15414	0.375	ng	0.00
31) Terphenyl-d14	19.964	244	16082	0.433	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	379	0.091	ng	# 77
20) 4,6-Dinitro-2-methylph...	16.797	198	9	0.041	ng	# 39
34) Bis(2-ethylhexyl)phtha...	21.390	149	2285	0.064	ng	# 98

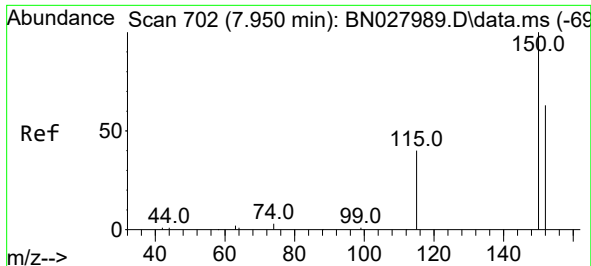
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100223\
Data File : BN027998.D
Acq On : 02 Oct 2023 21:47
Operator : MA/JU
Sample : 04526-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-320-322

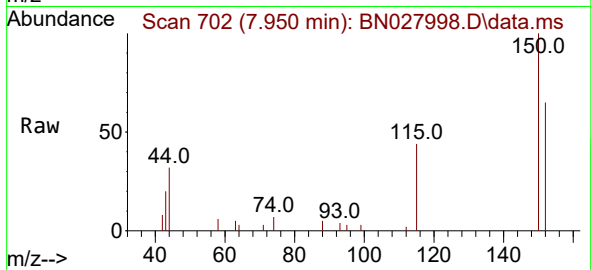
Quant Time: Oct 03 01:30:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 19:18:04 2023
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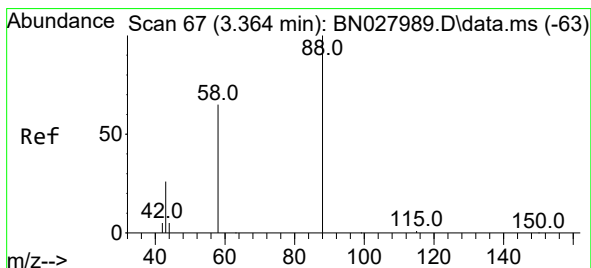
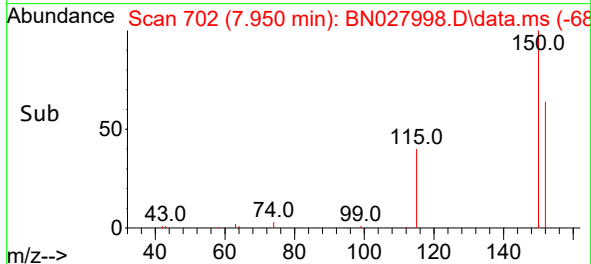
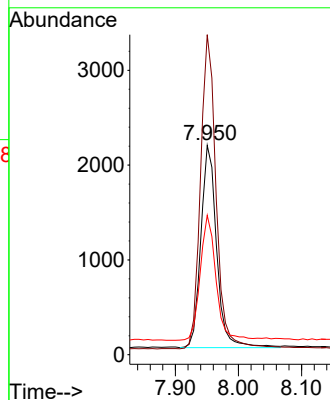


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.950 min Scan# 702
 Delta R.T. 0.000 min
 Lab File: BN027998.D
 Acq: 02 Oct 2023 21:47

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-320-322

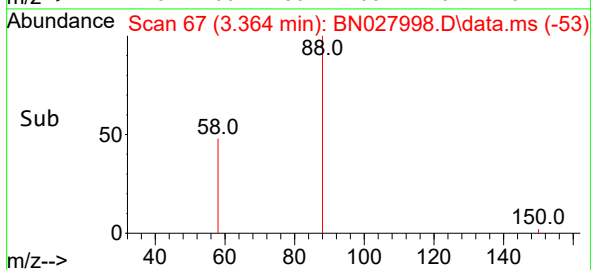
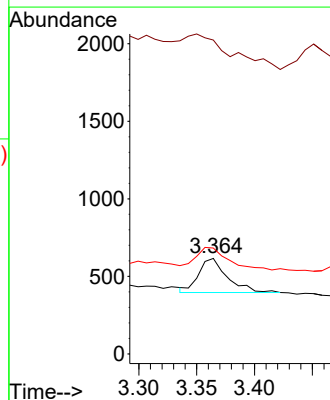
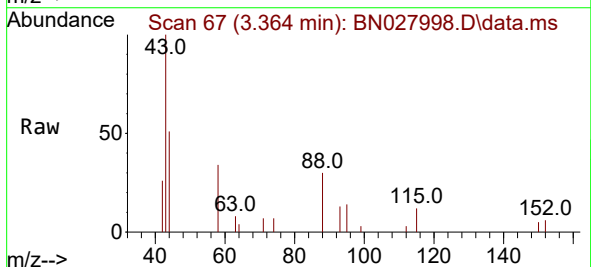


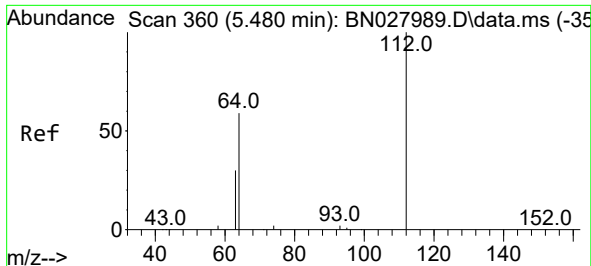
Tgt Ion:152 Resp: 3716
 Ion Ratio Lower Upper
 152 100
 150 152.9 125.6 188.4
 115 66.6 54.8 82.2



#2
 1,4-Dioxane
 Concen: 0.091 ng
 RT: 3.364 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: BN027998.D
 Acq: 02 Oct 2023 21:47

Tgt Ion: 88 Resp: 379
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.6 36.8#
 58 73.6 53.8 80.6

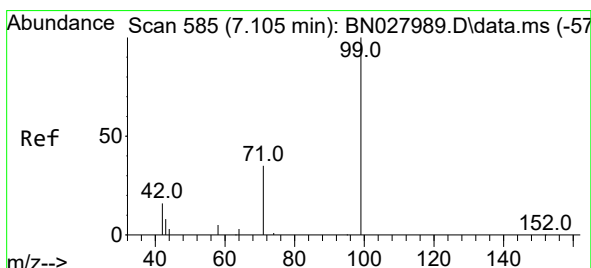
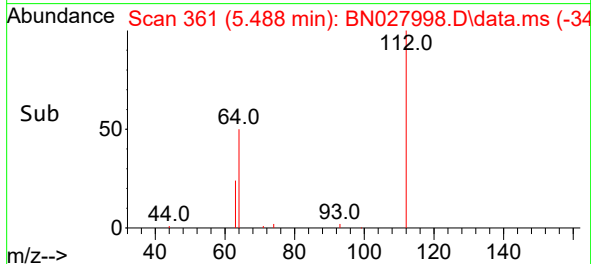
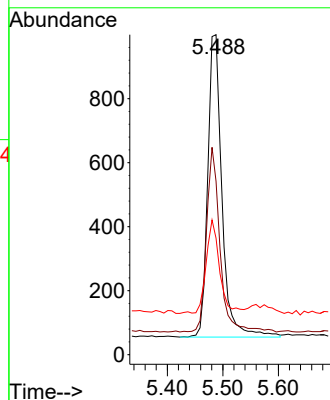
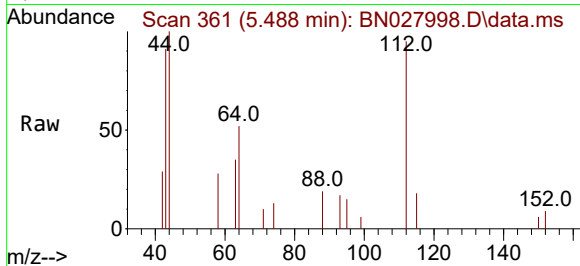




#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.488 min Scan# 30
Delta R.T. 0.007 min
Lab File: BN027998.D
Acq: 02 Oct 2023 21:47

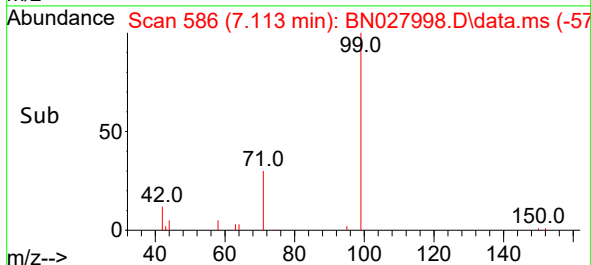
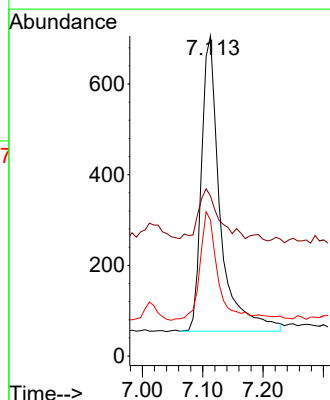
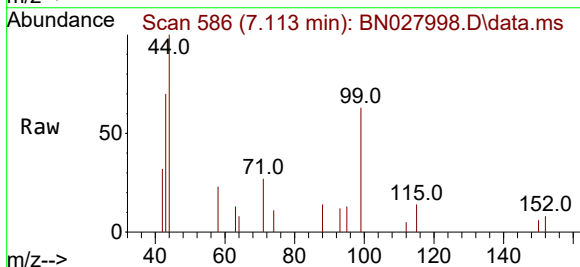
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-320-322

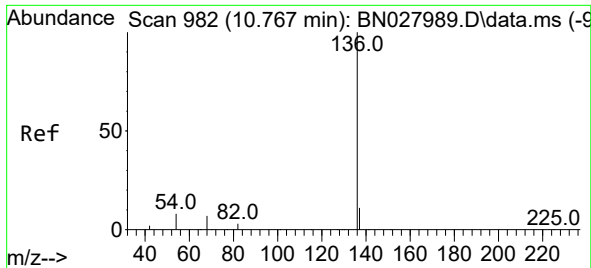
Tgt Ion:112 Resp: 1686
Ion Ratio Lower Upper
112 100
64 57.7 45.0 67.6
63 29.3 23.4 35.0



#5
Phenol-d6
Concen: 0.101 ng
RT: 7.113 min Scan# 586
Delta R.T. 0.007 min
Lab File: BN027998.D
Acq: 02 Oct 2023 21:47

Tgt Ion: 99 Resp: 1406
Ion Ratio Lower Upper
99 100
42 17.7 14.6 22.0
71 34.6 28.3 42.5

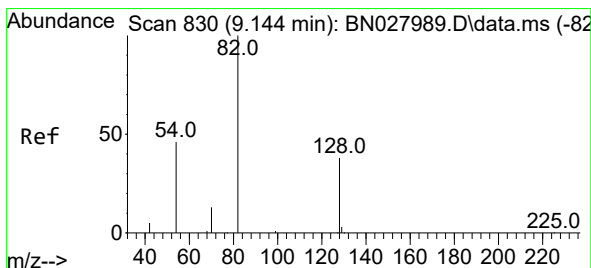
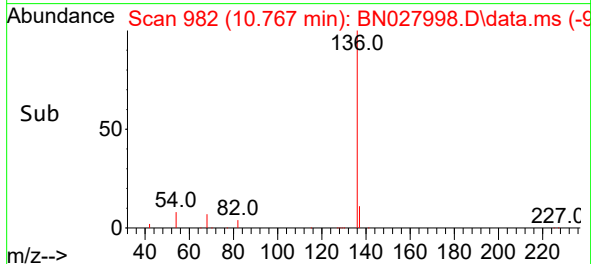
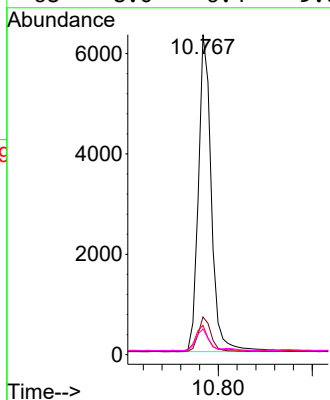
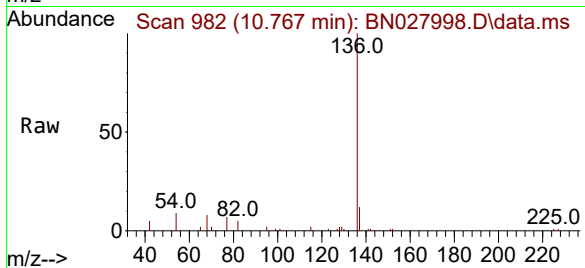




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.767 min Scan# 982
Delta R.T. 0.000 min
Lab File: BN027998.D
Acq: 02 Oct 2023 21:47

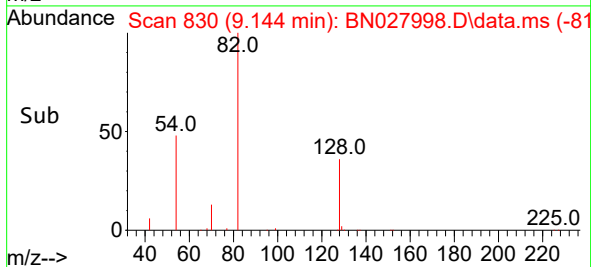
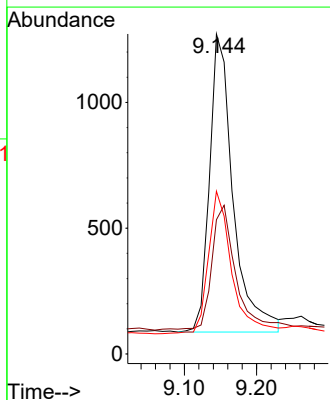
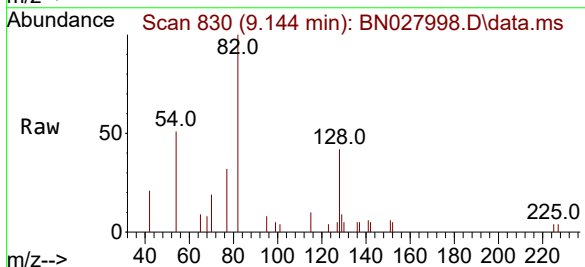
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-320-322

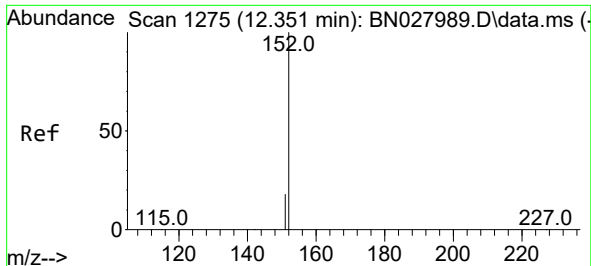
Tgt Ion:	136	Resp:	12120
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.0
54	9.2	7.0	10.6
68	8.0	6.4	9.6



#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 9.144 min Scan# 830
Delta R.T. 0.000 min
Lab File: BN027998.D
Acq: 02 Oct 2023 21:47

Tgt Ion:	82	Resp:	2693
Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.7	49.1
54	50.9	38.7	58.1





#11

2-Methylnaphthalene-d10

Concen: 0.279 ng

RT: 12.351 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN027998.D

Acq: 02 Oct 2023 21:47

Instrument :

BNA_N

ClientSampleId :

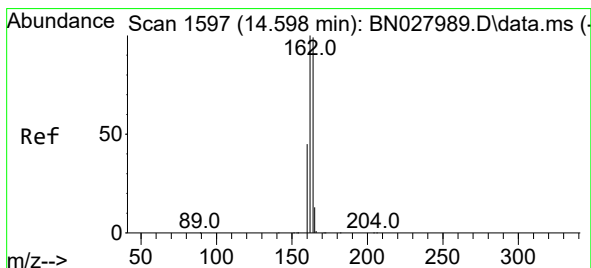
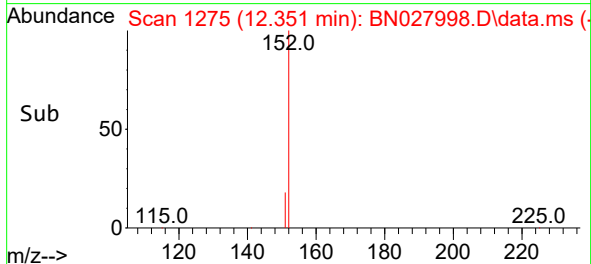
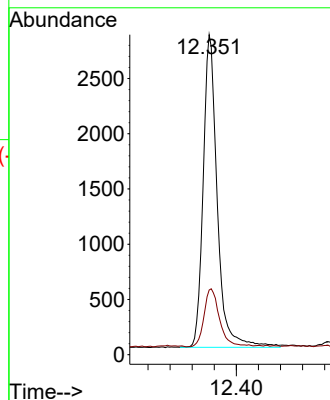
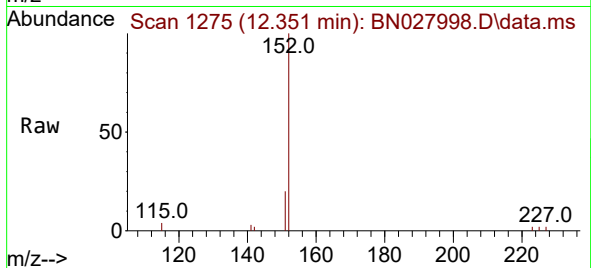
BP-VPB-RW10A-GW-320-322

Tgt Ion:152 Resp: 5017

Ion Ratio Lower Upper

152 100

151 20.6 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: BN027998.D

Acq: 02 Oct 2023 21:47

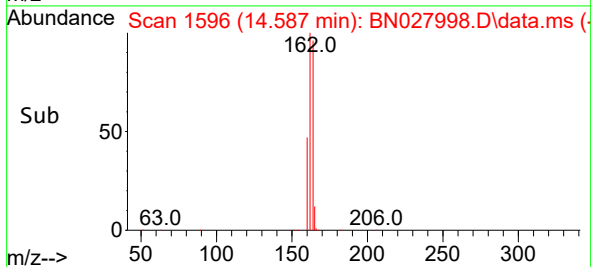
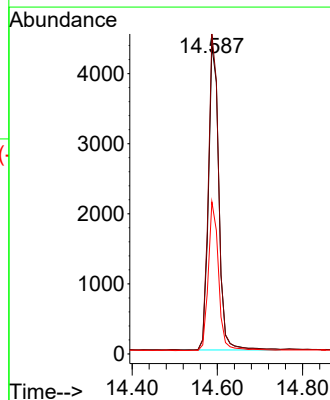
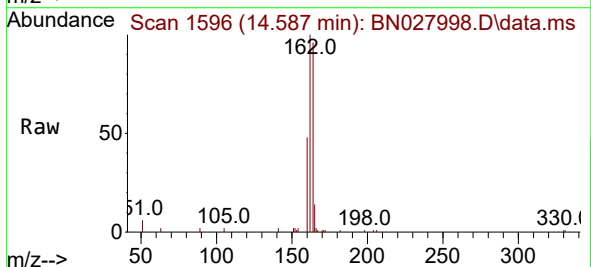
Tgt Ion:164 Resp: 7378

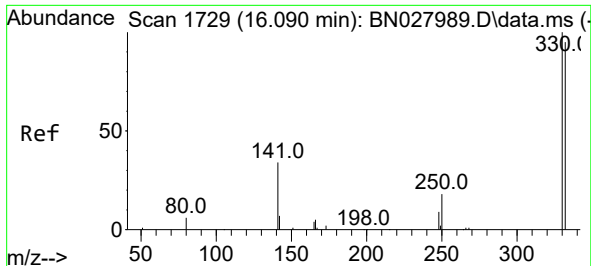
Ion Ratio Lower Upper

164 100

162 103.6 80.8 121.2

160 49.3 36.4 54.6

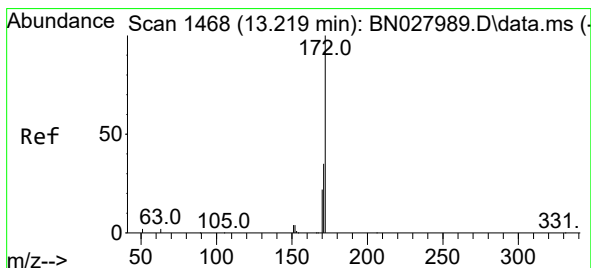
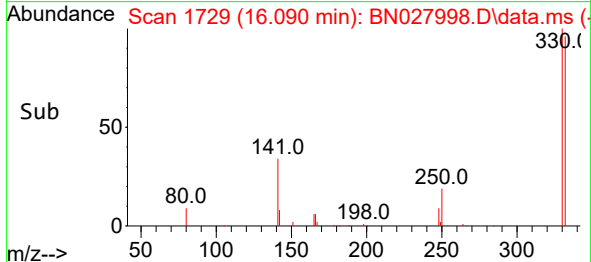
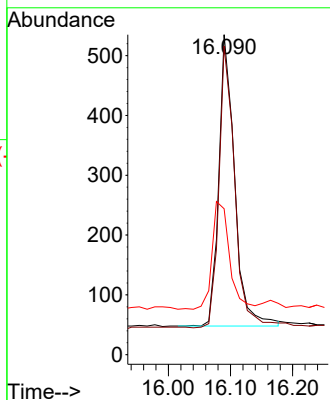
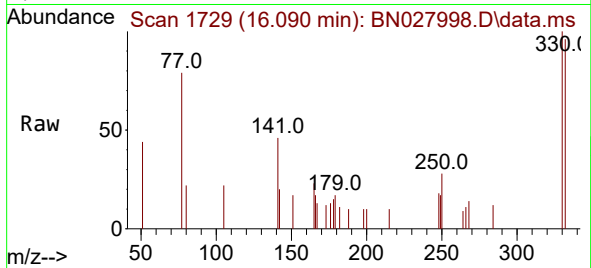




#14
2,4,6-Tribromophenol
Concen: 0.254 ng
RT: 16.090 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027998.D
Acq: 02 Oct 2023 21:47

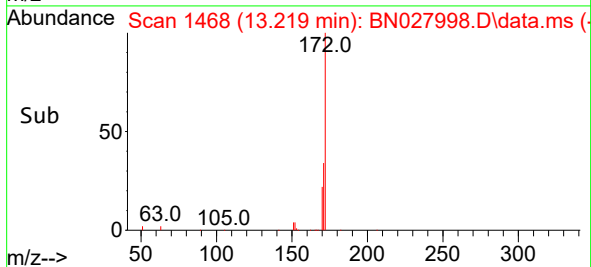
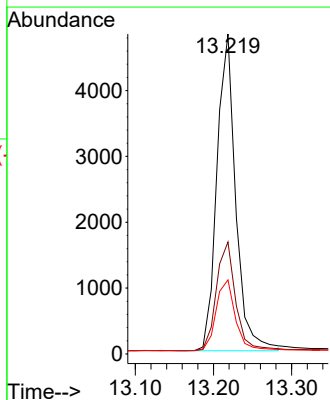
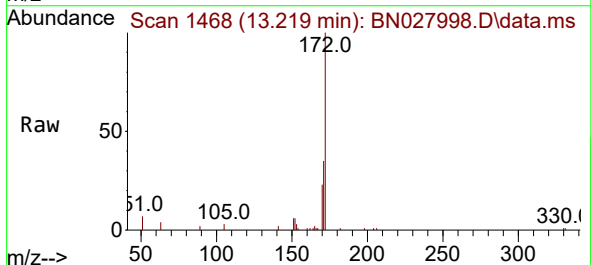
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10A-GW-320-322

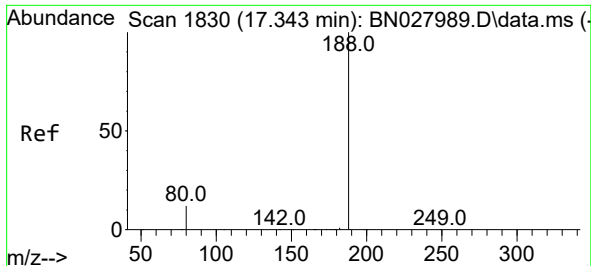
Tgt Ion:330 Resp: 857
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 40.8 33.4 50.2



#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 13.219 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN027998.D
Acq: 02 Oct 2023 21:47

Tgt Ion:172 Resp: 8038
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.1 18.4 27.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.343 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BN027998.D

Acq: 02 Oct 2023 21:47

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-320-322

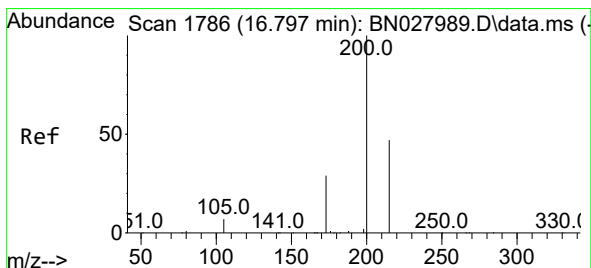
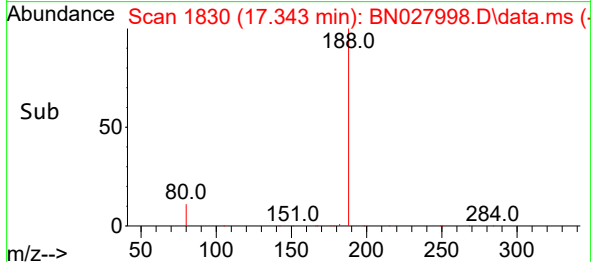
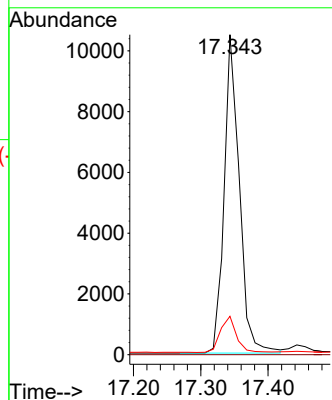
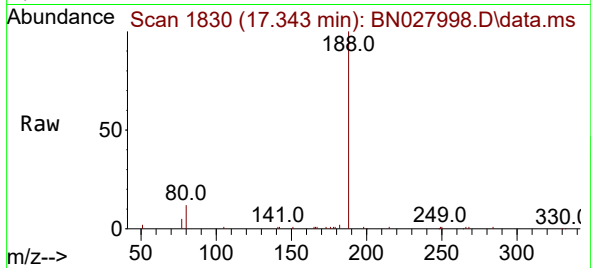
Tgt Ion:188 Resp: 16364

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.0 10.2 15.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.041 ng

RT: 16.797 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BN027998.D

Acq: 02 Oct 2023 21:47

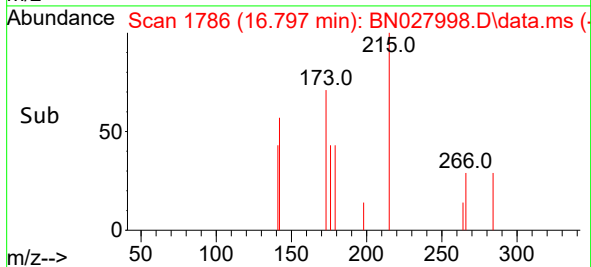
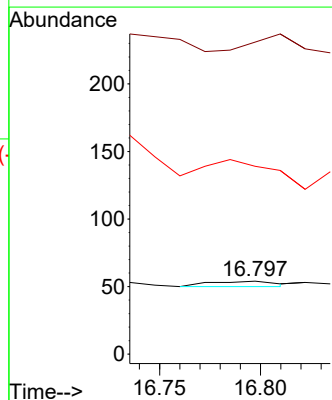
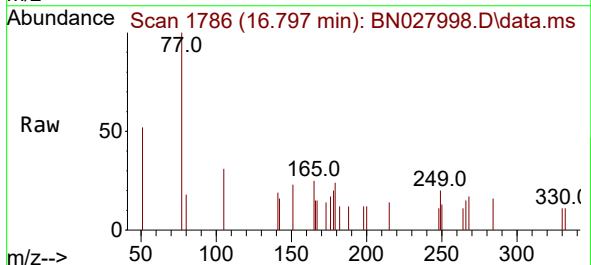
Tgt Ion:198 Resp: 9

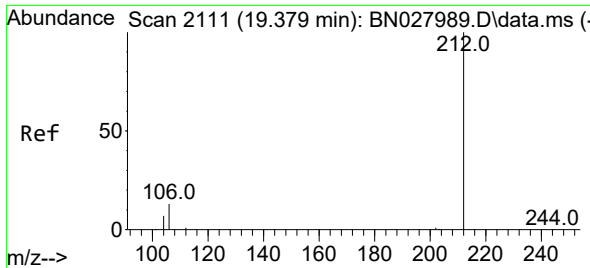
Ion Ratio Lower Upper

198 100

51 427.8 180.7 271.1#

105 257.4 222.2 333.2

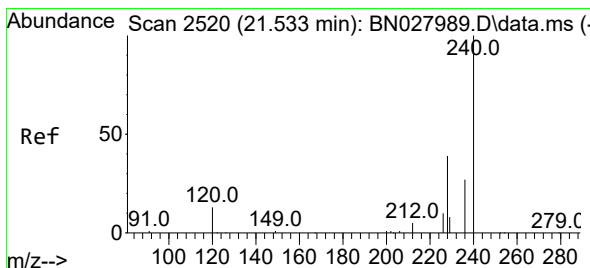
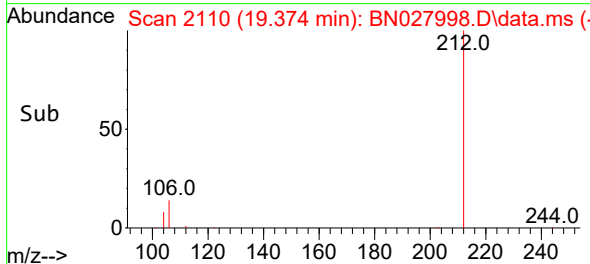
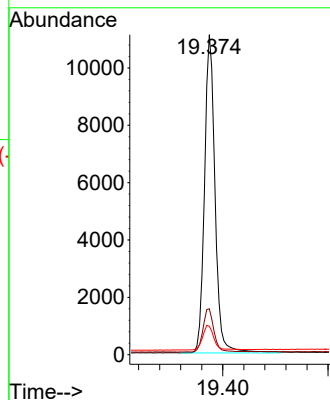
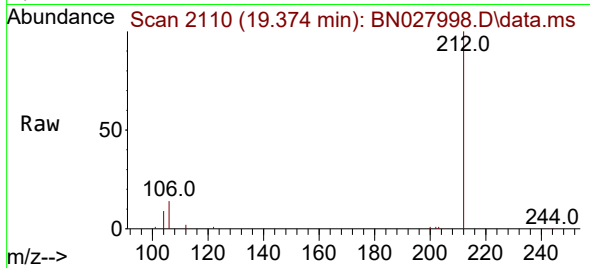




#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.374 min Scan# 2111
Delta R.T. -0.005 min
Lab File: BN027998.D
Acq: 02 Oct 2023 21:47

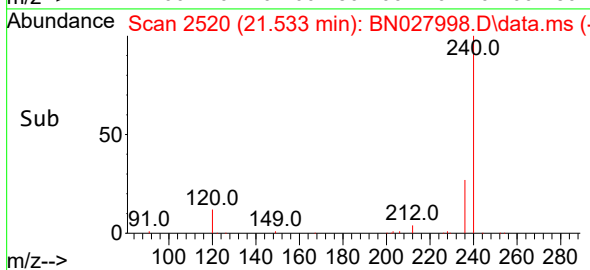
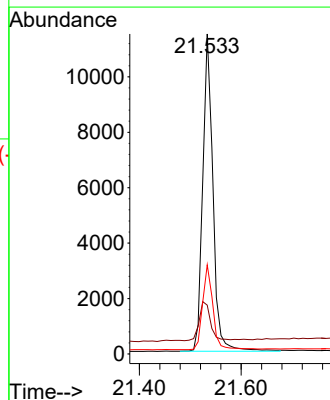
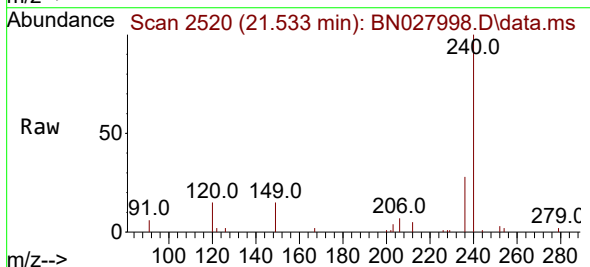
Instrument :
BNA_N
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BP-VPB-RW10A-GW-320-322

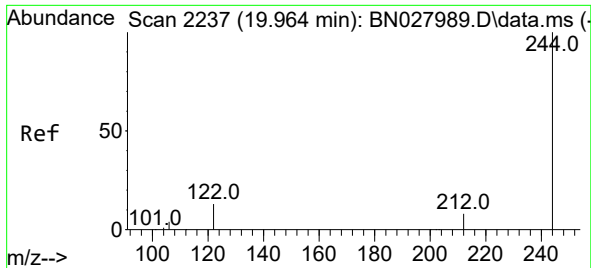
Tgt Ion:212 Resp: 15414
Ion Ratio Lower Upper
212 100
106 14.1 11.3 16.9
104 8.2 6.4 9.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.533 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BN027998.D
Acq: 02 Oct 2023 21:47

Tgt Ion:240 Resp: 15912
Ion Ratio Lower Upper
240 100
120 15.2 13.8 20.6
236 27.8 22.6 33.8

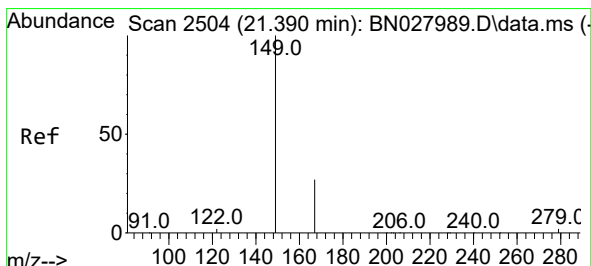
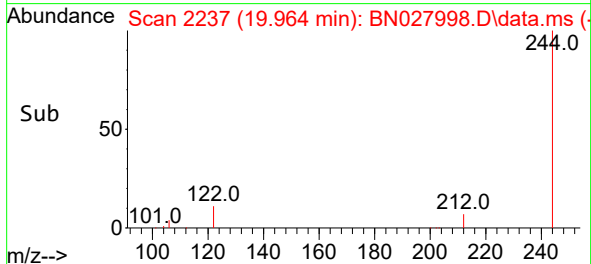
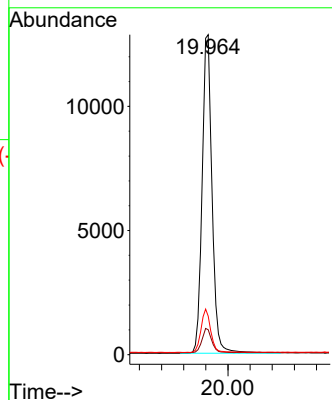
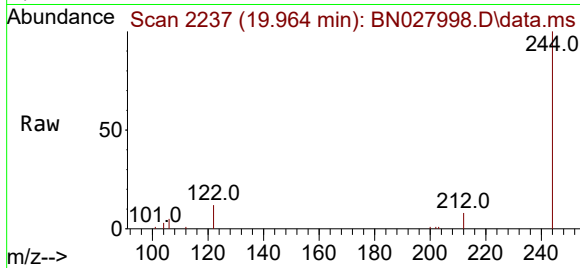




#31
 Terphenyl-d14
 Concen: 0.433 ng
 RT: 19.964 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN027998.D
 Acq: 02 Oct 2023 21:47

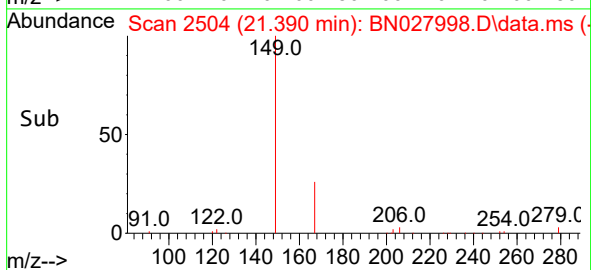
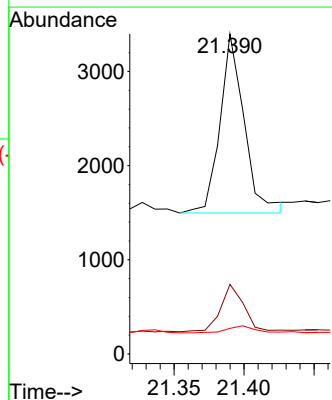
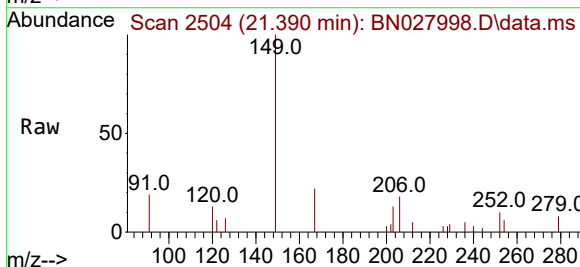
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 BNA_N
 ClientSampleId :
 BP-VPB-RW10A-GW-320-322

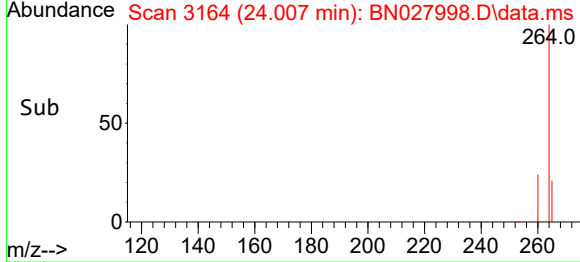
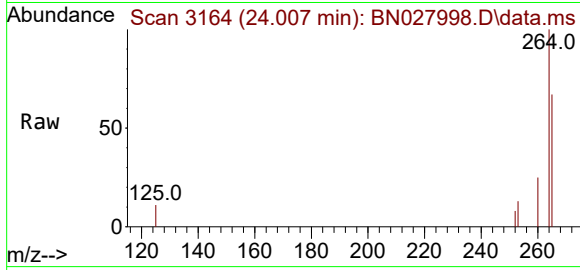
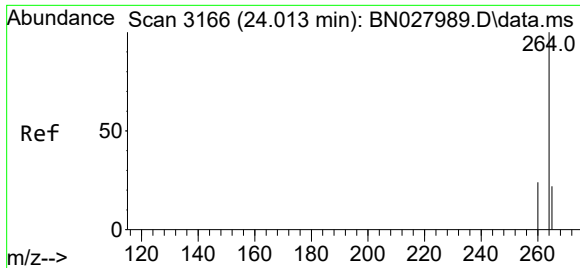
Tgt Ion:244 Resp: 16082
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 12.0 11.4 17.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.064 ng
 RT: 21.390 min Scan# 2504
 Delta R.T. -0.000 min
 Lab File: BN027998.D
 Acq: 02 Oct 2023 21:47

Tgt Ion:149 Resp: 2285
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.1 33.1
 279 5.2 3.4 5.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.007 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN027998.D

Acq: 02 Oct 2023 21:47

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW10A-GW-320-322

Tgt Ion:264 Resp: 17004

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.4

265 67.5 54.8 82.2

