

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021710.D
 Acq On : 10 Sep 2022 22:36
 Operator : CG/JU
 Sample : N4558-05
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-203-205

Quant Time: Sep 12 01:14:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 23:19:14 2022
 Response via : Initial Calibration

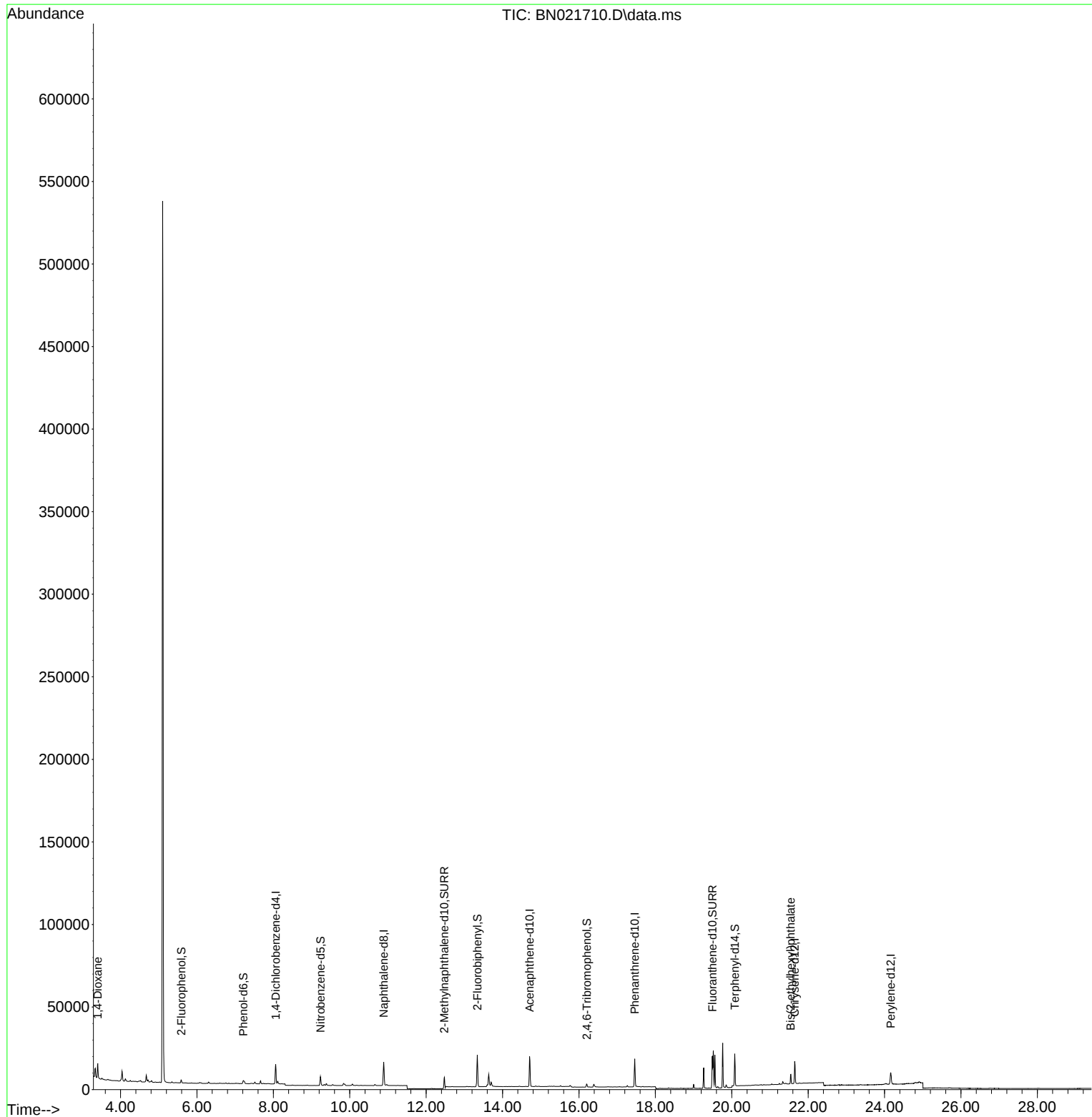
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.062	152	5761	0.400 ng	0.00
7) Naphthalene-d8	10.887	136	19006	0.400 ng	-0.01
13) Acenaphthene-d10	14.707	164	11010	0.400 ng	-0.01
19) Phenanthrene-d10	17.459	188	21840	0.400 ng	-0.01
29) Chrysene-d12	21.646	240	12819	0.400 ng	# 0.00
35) Perylene-d12	24.162	264	10537	0.400 ng	#-0.01
System Monitoring Compounds					
4) 2-Fluorophenol	5.592	112	1614	0.143 ng	0.00
5) Phenol-d6	7.217	99	1902	0.132 ng	0.00
8) Nitrobenzene-d5	9.233	82	4444	0.346 ng	0.00
11) 2-Methylnaphthalene-d10	12.474	152	14101	0.329 ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1148	0.318 ng	0.00
15) 2-Fluorobiphenyl	13.339	172	16013	0.333 ng	0.00
27) Fluoranthene-d10	19.493	212	21201	0.378 ng	0.00
31) Terphenyl-d14	20.079	244	14883	0.517 ng	0.00
Target Compounds					
2) 1,4-Dioxane	3.403	88	5719	0.794 ng	95
34) Bis(2-ethylhexyl)phtha...	21.539	149	6145	0.342 ng	98

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

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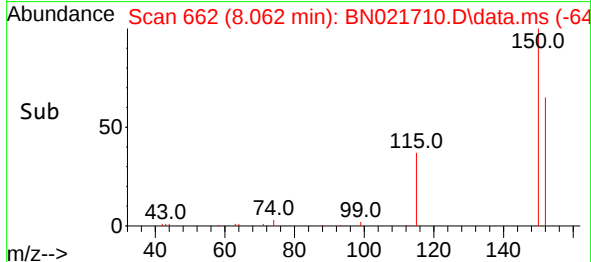
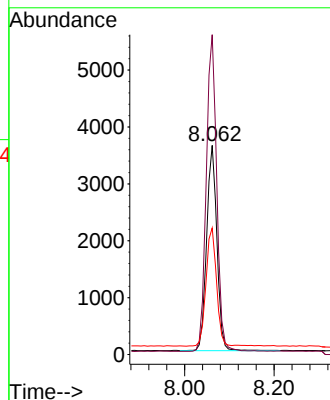
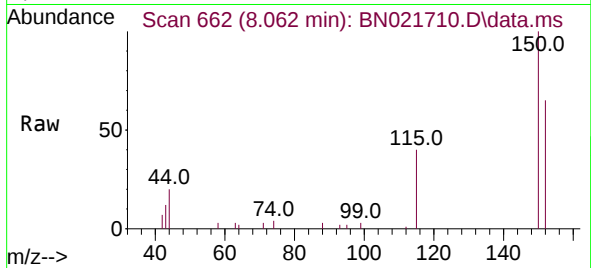




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.062 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN021710.D
 Acq: 10 Sep 2022 22:36

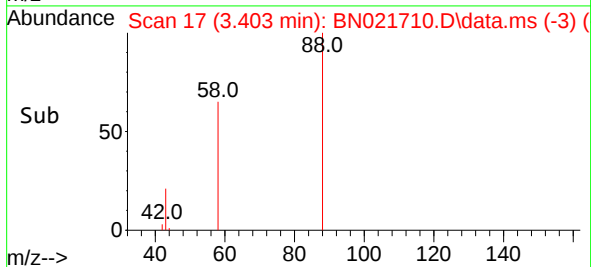
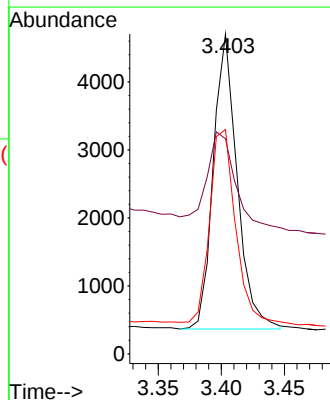
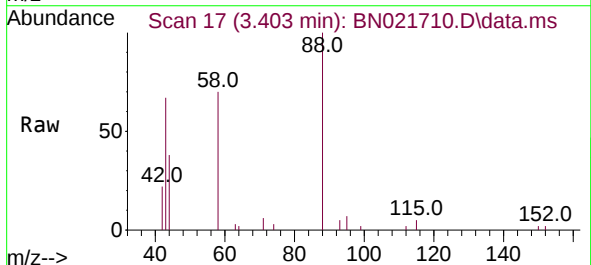
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-203-205

Tgt Ion:152 Resp: 5761
 Ion Ratio Lower Upper
 152 100
 150 153.0 121.4 182.0
 115 60.5 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.794 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN021710.D
 Acq: 10 Sep 2022 22:36

Tgt Ion: 88 Resp: 5719
 Ion Ratio Lower Upper
 88 100
 43 38.4 35.8 53.8
 58 69.5 57.1 85.7





#4

2-Fluorophenol

Concen: 0.143 ng

RT: 5.592 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN021710.D

Acq: 10 Sep 2022 22:36

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW5-GW-203-205

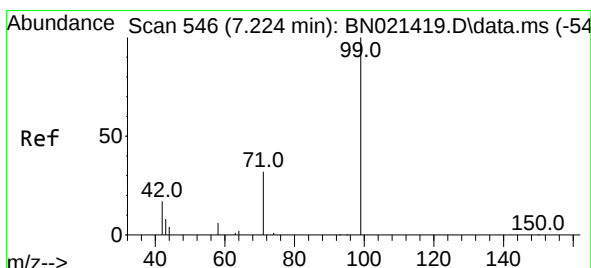
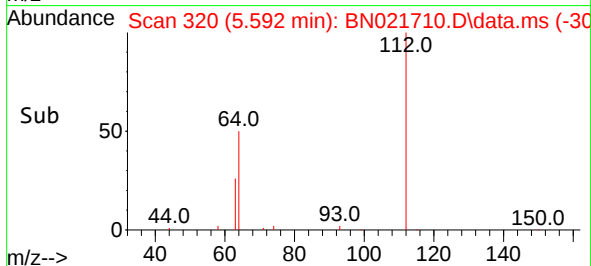
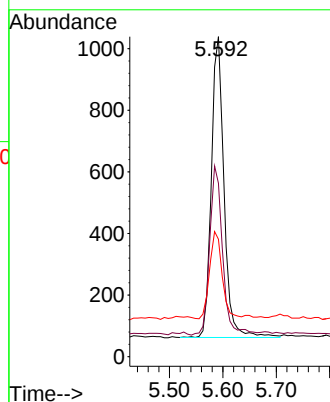
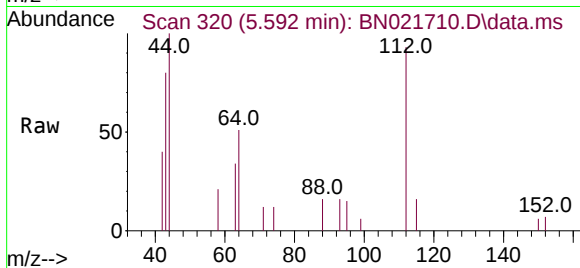
Tgt Ion:112 Resp: 1614

Ion Ratio Lower Upper

112 100

64 56.9 43.5 65.3

63 28.6 22.6 34.0



#5

Phenol-d6

Concen: 0.132 ng

RT: 7.217 min Scan# 545

Delta R.T. -0.000 min

Lab File: BN021710.D

Acq: 10 Sep 2022 22:36

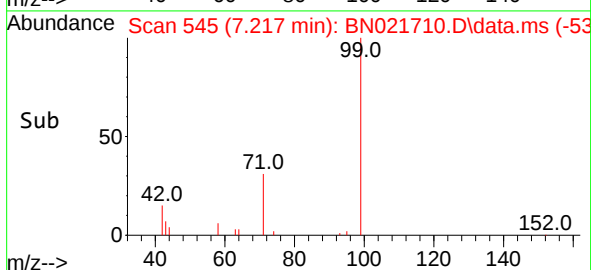
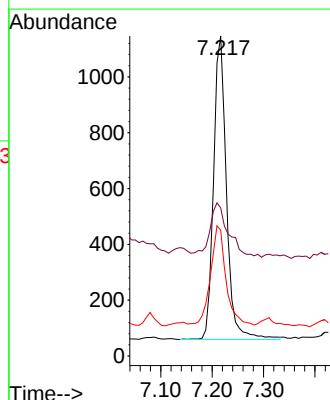
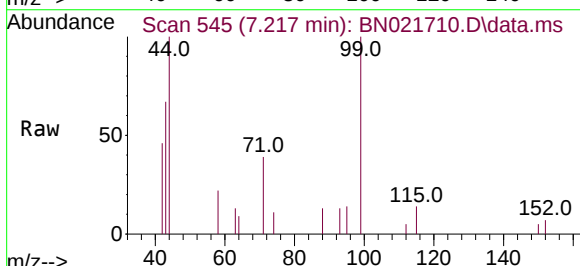
Tgt Ion: 99 Resp: 1902

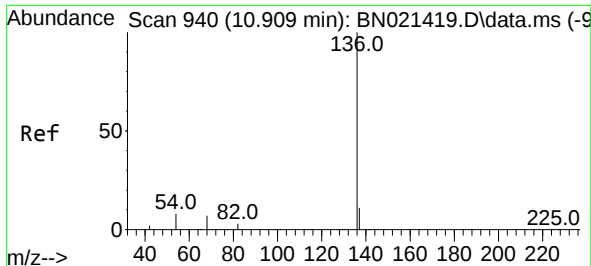
Ion Ratio Lower Upper

99 100

42 25.7 15.5 23.3#

71 38.4 24.2 36.2#

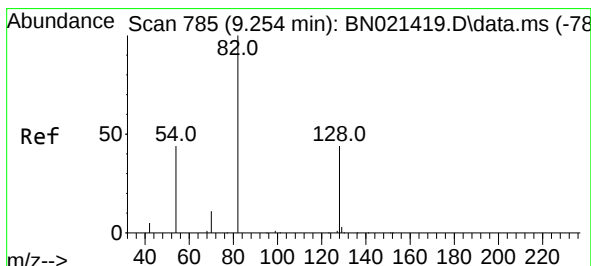
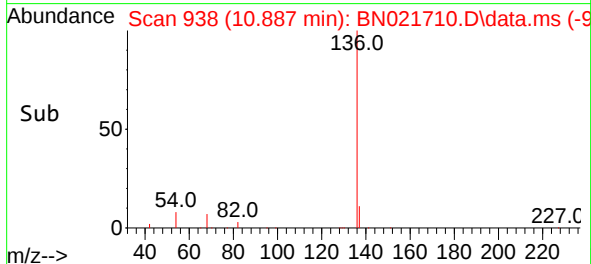
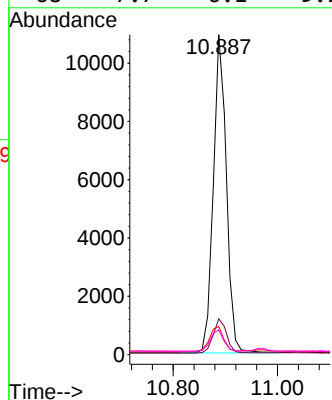
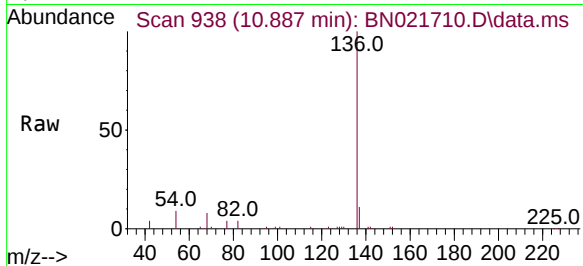




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN021710.D
Acq: 10 Sep 2022 22:36

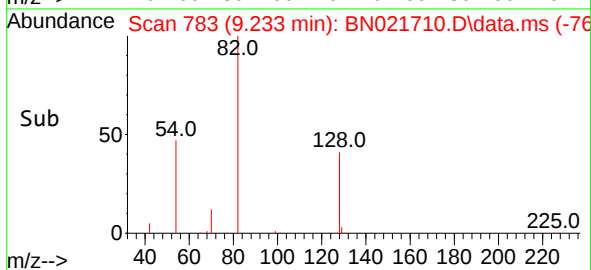
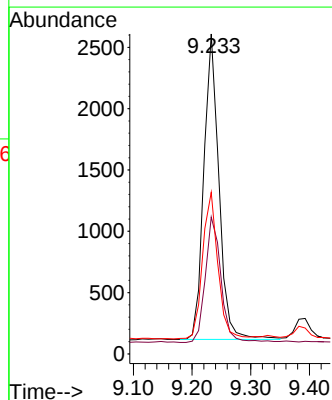
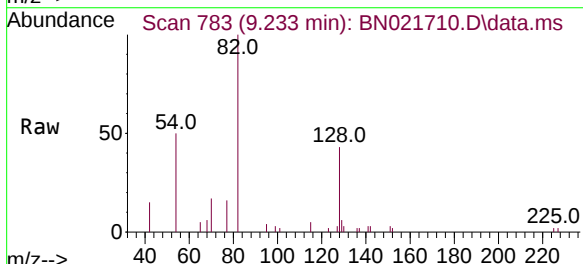
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-203-205

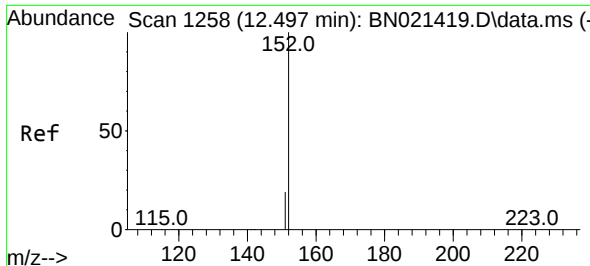
Tgt Ion:	136	Resp:	19006
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.3	13.9
54	8.8	6.9	10.3
68	7.7	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 9.233 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021710.D
Acq: 10 Sep 2022 22:36

Tgt Ion:	82	Resp:	4444
Ion Ratio	Lower	Upper	
82	100		
128	42.8	30.9	46.3
54	50.5	42.7	64.1

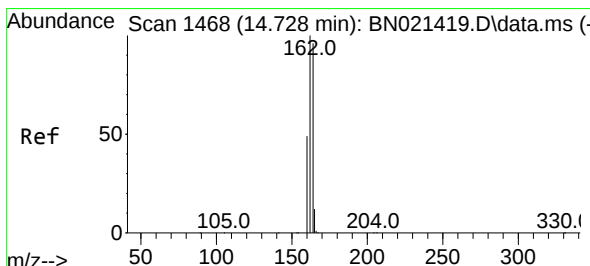
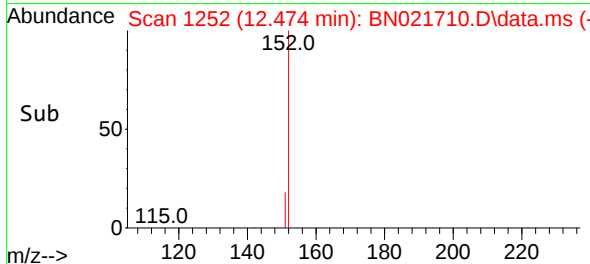
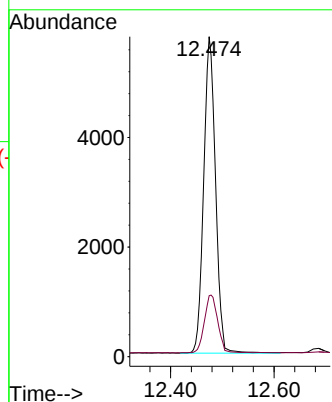
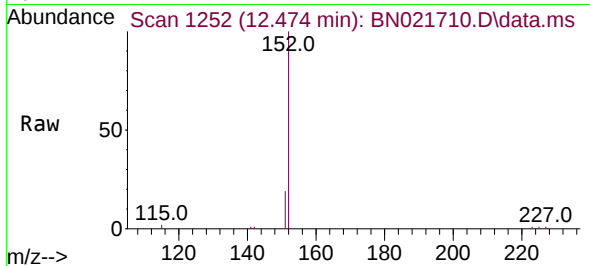




#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.474 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN021710.D
Acq: 10 Sep 2022 22:36

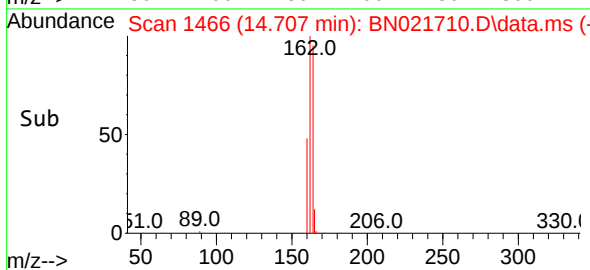
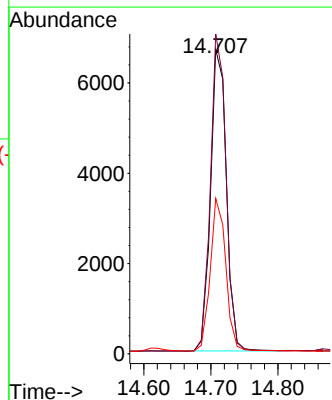
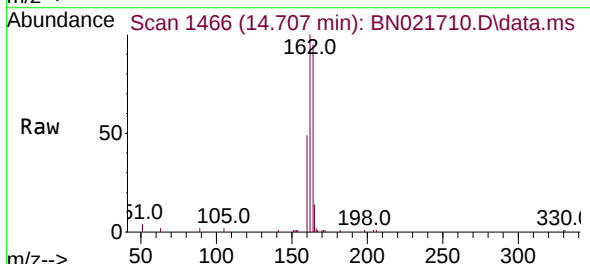
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-203-205

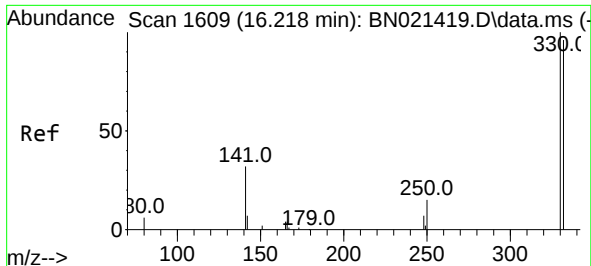
Tgt Ion:152 Resp: 14101
Ion Ratio Lower Upper
152 100
151 20.6 14.5 21.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. -0.011 min
Lab File: BN021710.D
Acq: 10 Sep 2022 22:36

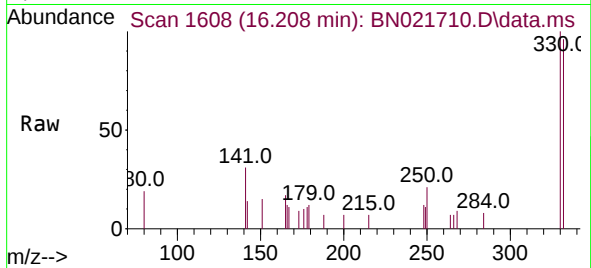
Tgt Ion:164 Resp: 11010
Ion Ratio Lower Upper
164 100
162 105.1 82.2 123.4
160 51.0 39.5 59.3





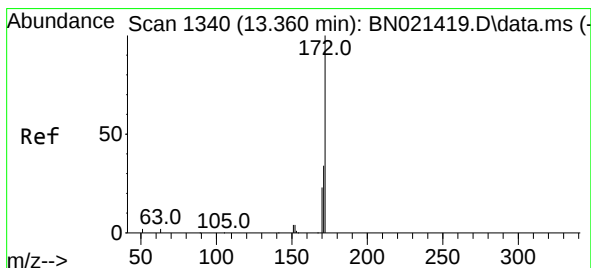
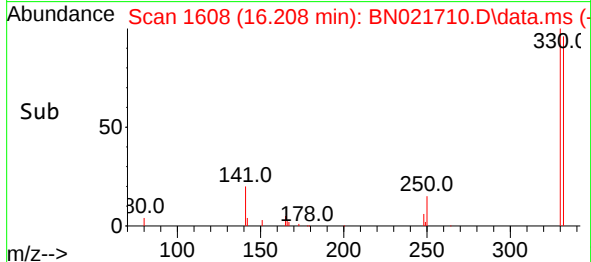
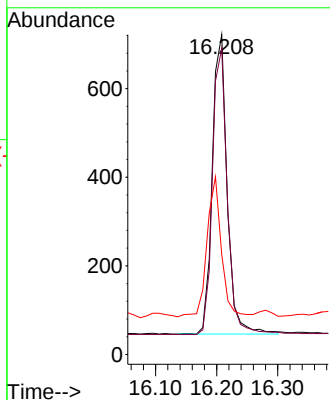
#14
 2,4,6-Tribromophenol
 Concen: 0.318 ng
 RT: 16.208 min Scan# 1608
 Delta R.T. 0.000 min
 Lab File: BN021710.D
 Acq: 10 Sep 2022 22:36

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-203-205



Tgt Ion: 330 Resp: 1148

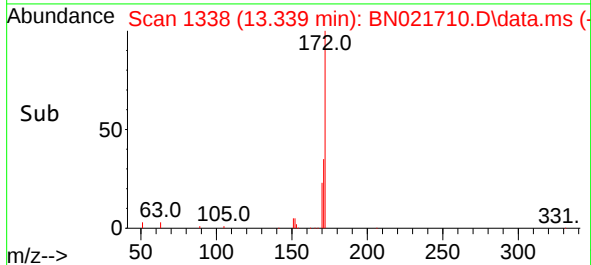
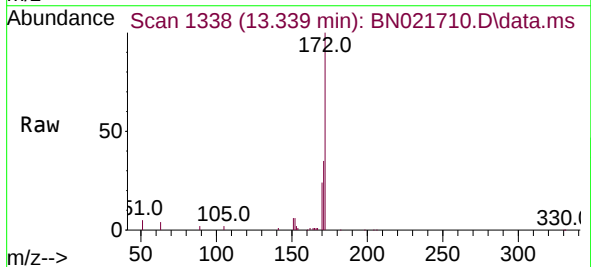
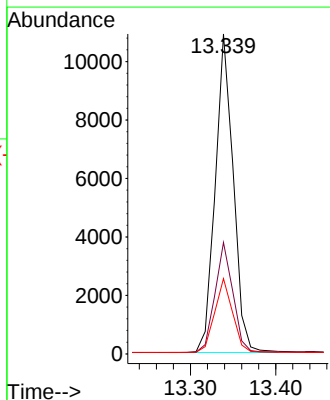
Ion	Ratio	Lower	Upper
330	100		
332	95.4	79.3	118.9
141	44.5	37.1	55.7

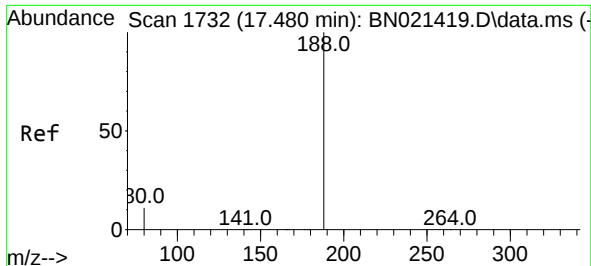


#15
 2-Fluorobiphenyl
 Concen: 0.333 ng
 RT: 13.339 min Scan# 1338
 Delta R.T. 0.000 min
 Lab File: BN021710.D
 Acq: 10 Sep 2022 22:36

Tgt Ion: 172 Resp: 16013

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.5	18.6	28.0

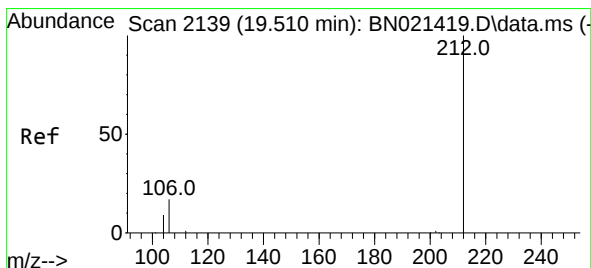
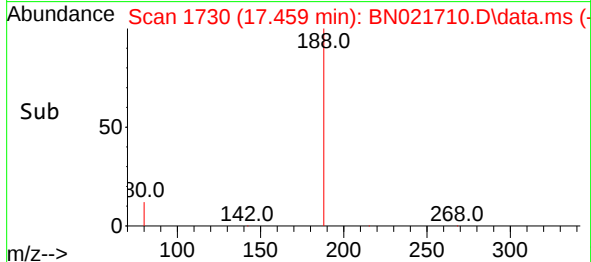
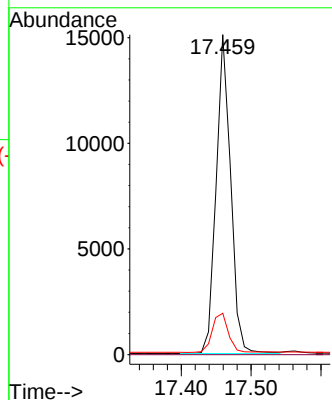
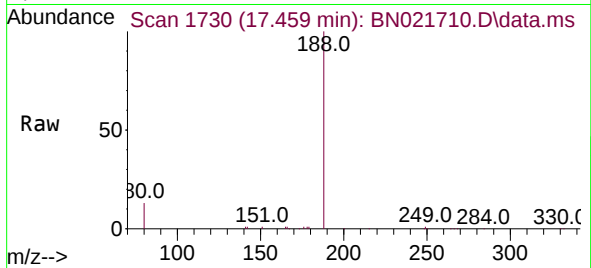




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.459 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BN021710.D
Acq: 10 Sep 2022 22:36

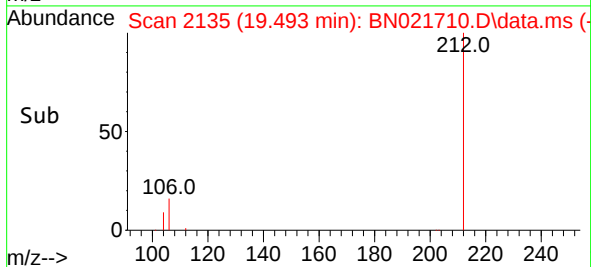
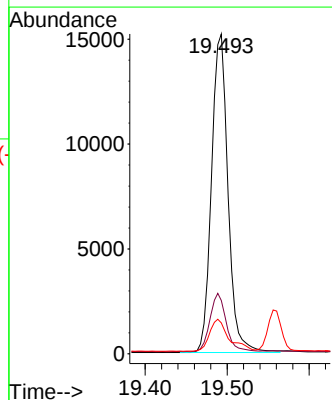
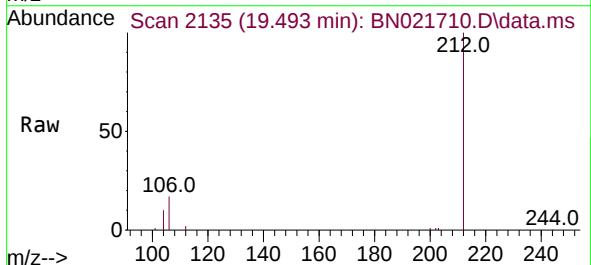
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ClientSampleId :
BP-VPB-RW5-GW-203-205

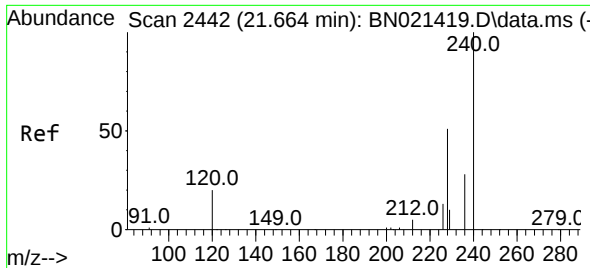
Tgt Ion:188 Resp: 21840
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 9.5 14.3



#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.493 min Scan# 2135
Delta R.T. -0.004 min
Lab File: BN021710.D
Acq: 10 Sep 2022 22:36

Tgt Ion:212 Resp: 21201
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 11.8 7.8 11.6#

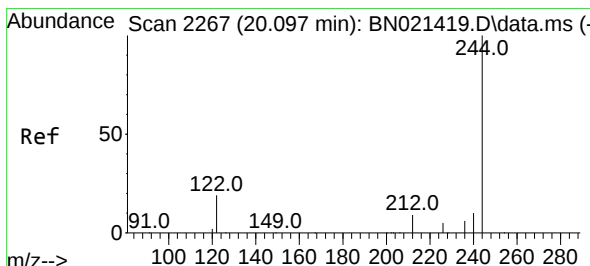
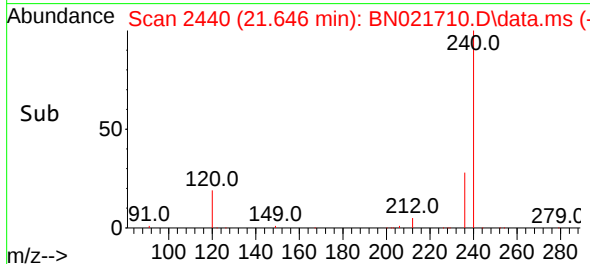
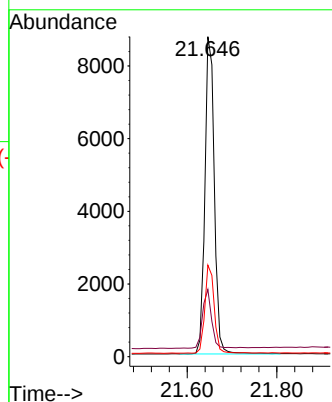
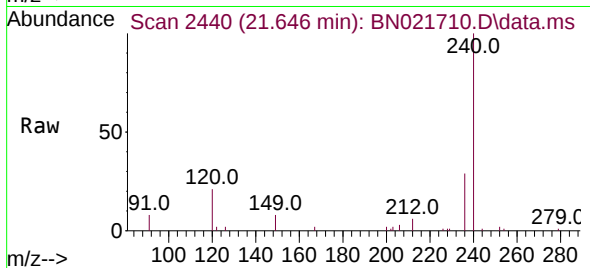




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.646 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BN021710.D
Acq: 10 Sep 2022 22:36

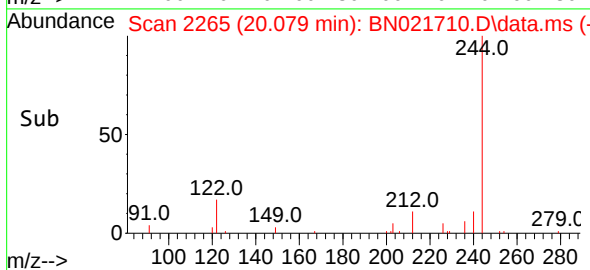
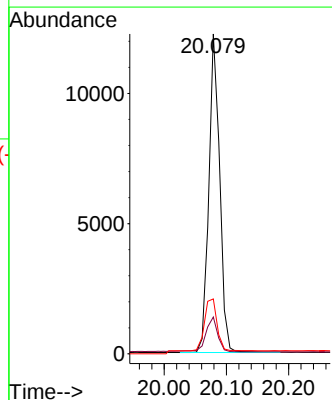
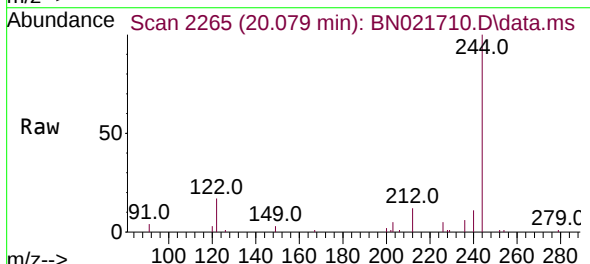
Instrument :
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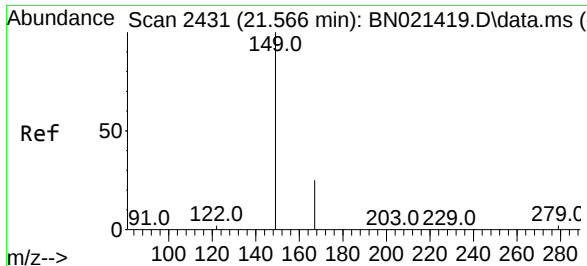
Tgt Ion:240 Resp: 12819
Ion Ratio Lower Upper
240 100
120 21.0 10.2 15.4#
236 28.6 22.1 33.1



#31
Terphenyl-d14
Concen: 0.517 ng
RT: 20.079 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN021710.D
Acq: 10 Sep 2022 22:36

Tgt Ion:244 Resp: 14883
Ion Ratio Lower Upper
244 100
212 11.5 6.5 9.7#
122 17.1 9.1 13.7#

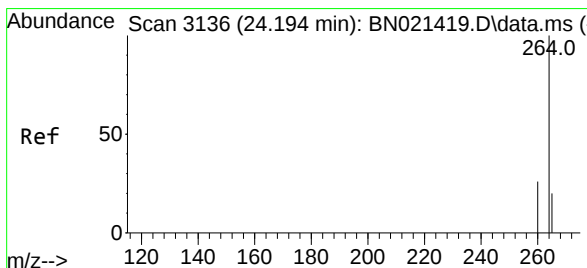
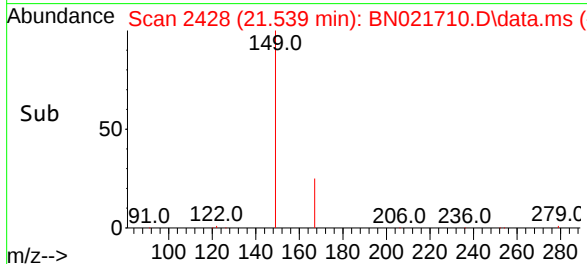
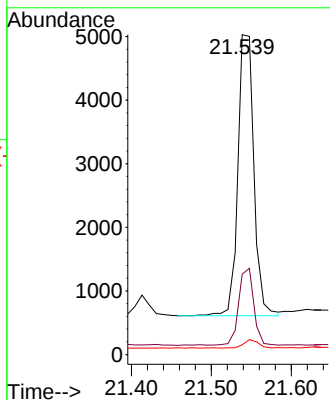
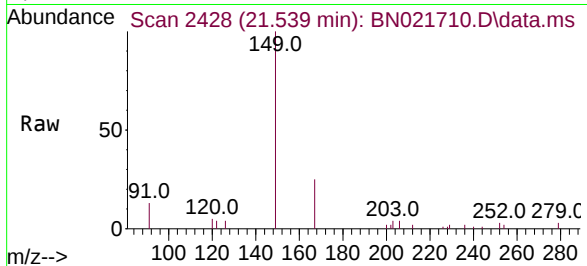




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.342 ng
 RT: 21.539 min Scan# 2431
 Delta R.T. -0.009 min
 Lab File: BN021710.D
 Acq: 10 Sep 2022 22:36

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-203-205

Tgt Ion:149 Resp: 6145
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.4 32.0
 279 2.8 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.162 min Scan# 3125
 Delta R.T. -0.012 min
 Lab File: BN021710.D
 Acq: 10 Sep 2022 22:36

Tgt Ion:264 Resp: 10537
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.0 31.6
 265 50.1 32.2 48.2#

