

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025705.D
 Acq On : 29 May 2023 06:31
 Operator : CG/JU
 Sample : 02944-11
 Misc :
 ALS Vial : 104 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-438-440

Quant Time: May 29 07:01:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

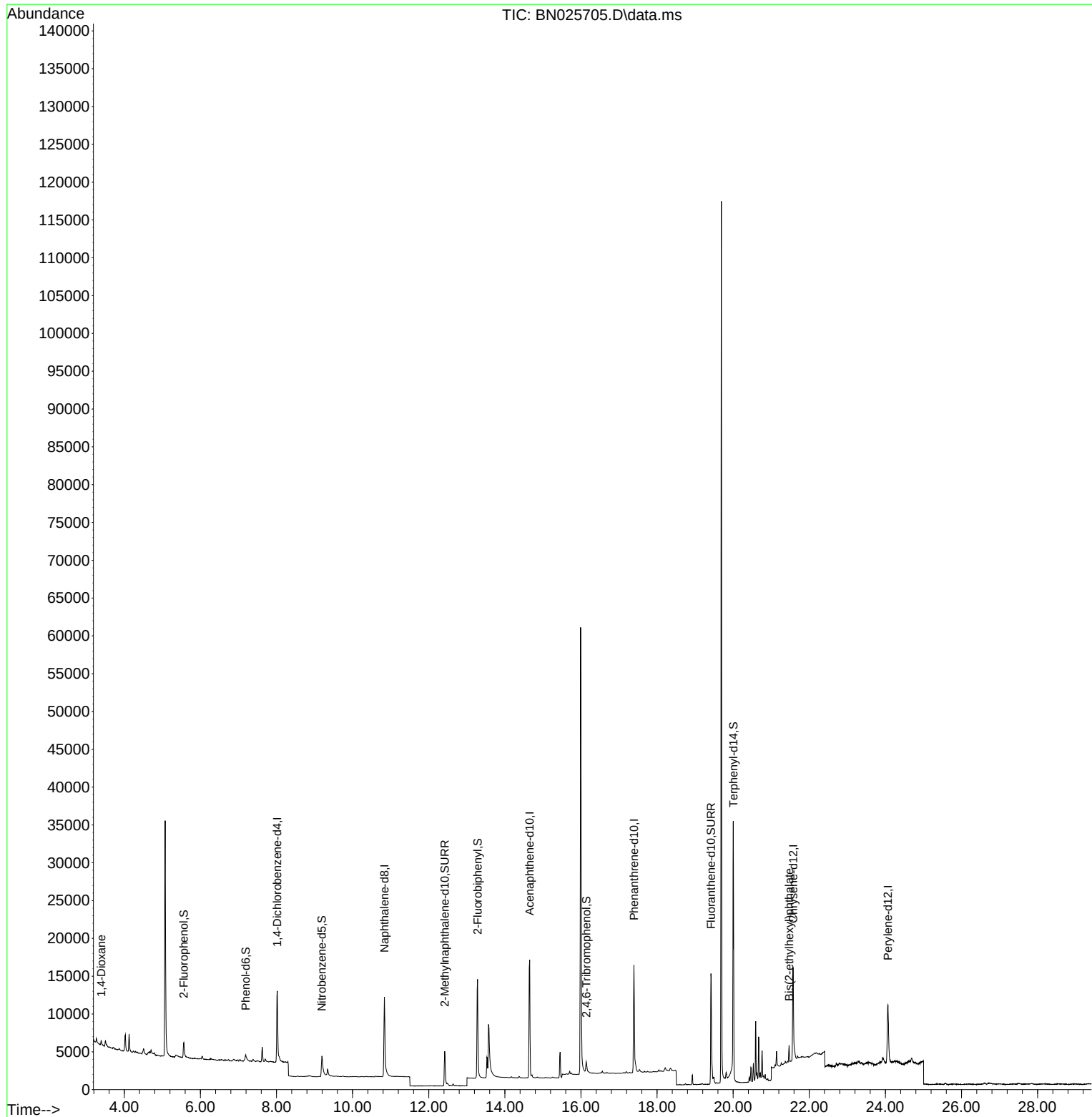
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5821	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	16921	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	9908	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	20973	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	15275	0.400	ng	# 0.00
35) Perylene-d12	24.066	264	14456	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	2375	0.159	ng	0.00
5) Phenol-d6	7.189	99	1548	0.087	ng	0.01
8) Nitrobenzene-d5	9.191	82	3999	0.282	ng	0.00
11) 2-Methylnaphthalene-d10	12.419	152	8041	0.333	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	921	0.460	ng	-0.01
15) 2-Fluorobiphenyl	13.283	172	13373	0.327	ng	0.00
27) Fluoranthene-d10	19.416	212	18084	0.381	ng	0.00
31) Terphenyl-d14	20.006	244	16106	0.482	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	383	0.057	ng	# 50
34) Bis(2-ethylhexyl)phtha...	21.471	149	2187	0.063	ng	# 98

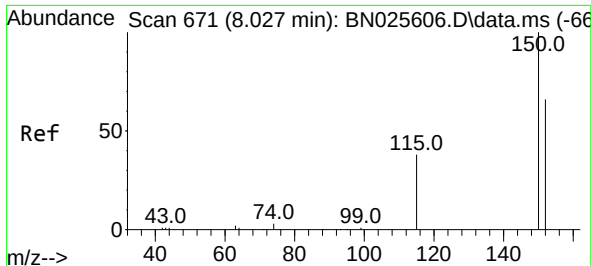
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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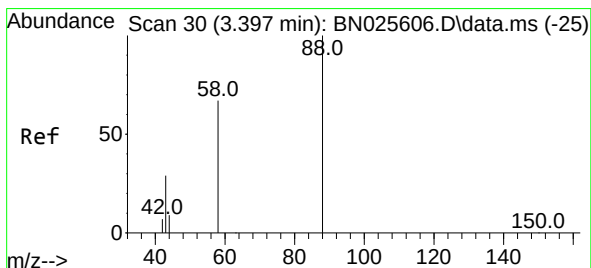
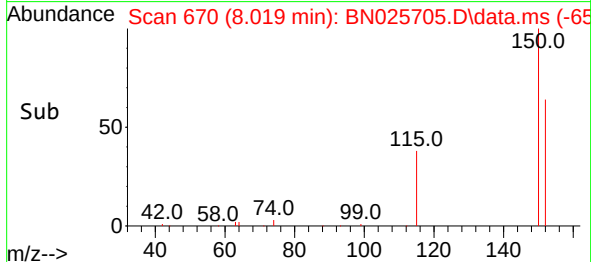
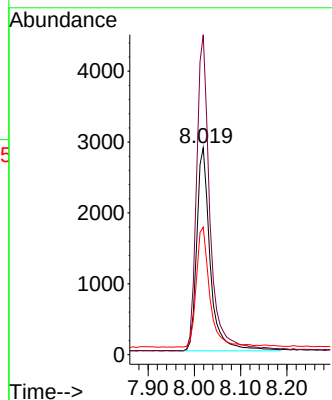
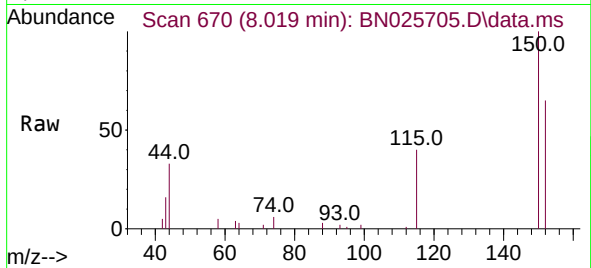




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025705.D
Acq: 29 May 2023 06:31

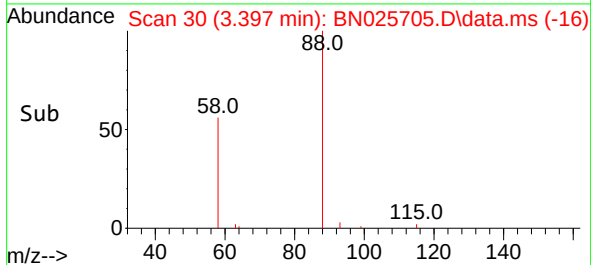
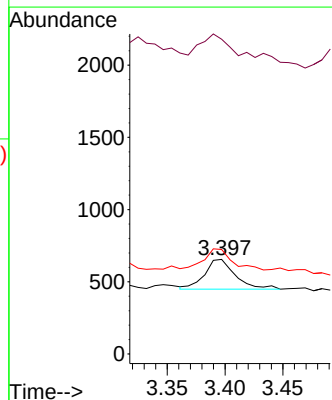
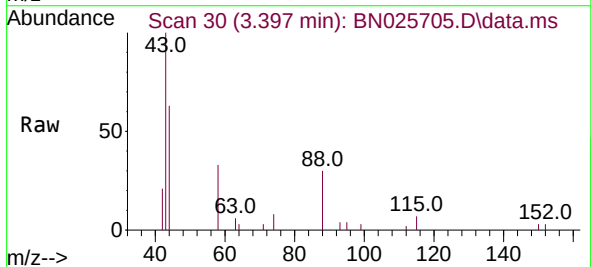
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440

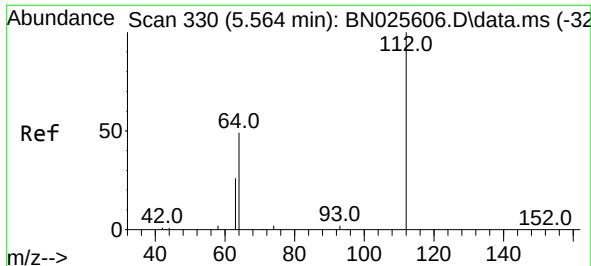
Tgt Ion:152 Resp: 5821
Ion Ratio Lower Upper
152 100
150 154.7 121.0 181.6
115 61.7 48.5 72.7



#2
1,4-Dioxane
Concen: 0.057 ng
RT: 3.397 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025705.D
Acq: 29 May 2023 06:31

Tgt Ion: 88 Resp: 383
Ion Ratio Lower Upper
88 100
43 112.5 26.5 39.7#
58 64.5 56.8 85.2

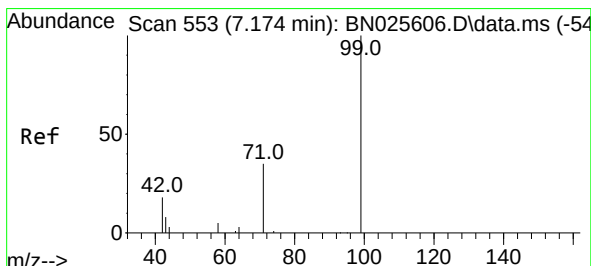
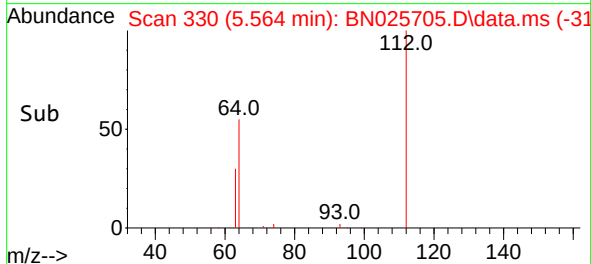
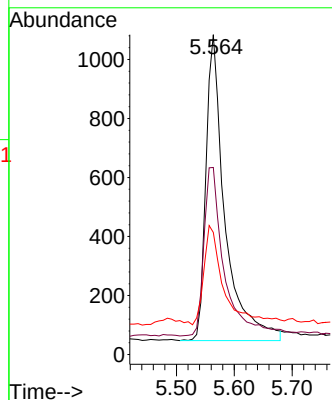
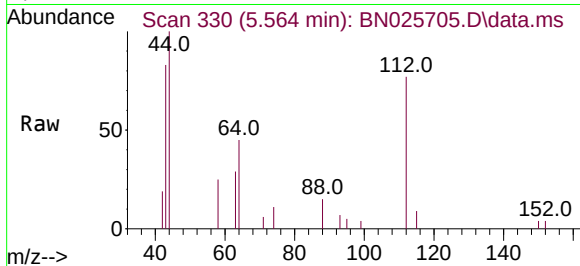




#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025705.D
Acq: 29 May 2023 06:31

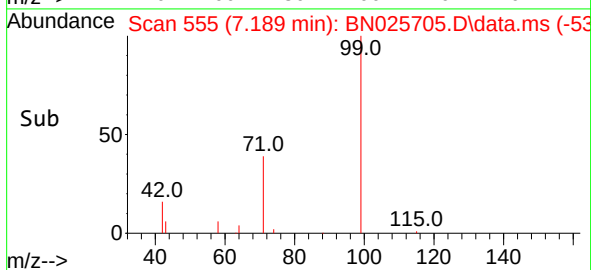
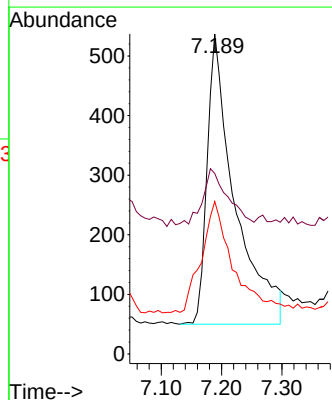
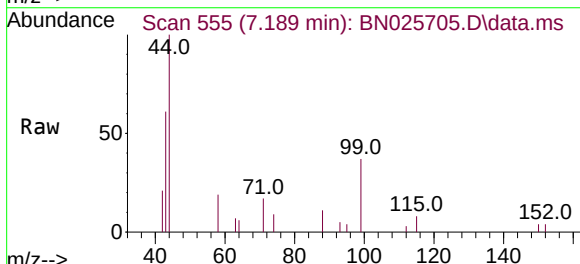
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440

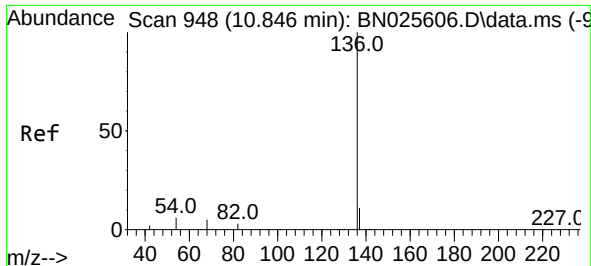
Tgt Ion:112 Resp: 2375
Ion Ratio Lower Upper
112 100
64 58.7 45.7 68.5
63 34.1 26.2 39.2



#5
Phenol-d6
Concen: 0.087 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025705.D
Acq: 29 May 2023 06:31

Tgt Ion: 99 Resp: 1548
Ion Ratio Lower Upper
99 100
42 17.2 17.1 25.7
71 43.1 29.3 43.9

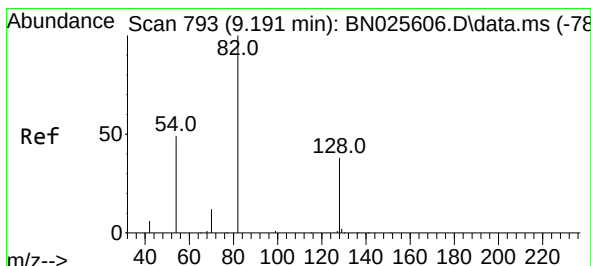
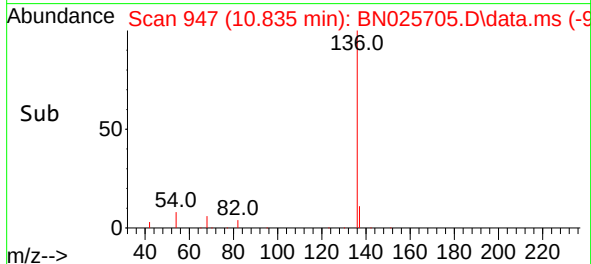
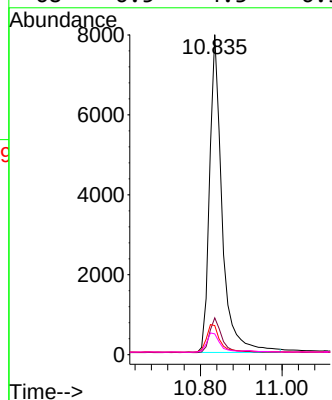
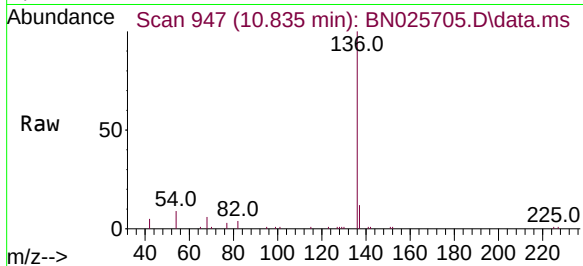




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN025705.D
Acq: 29 May 2023 06:31

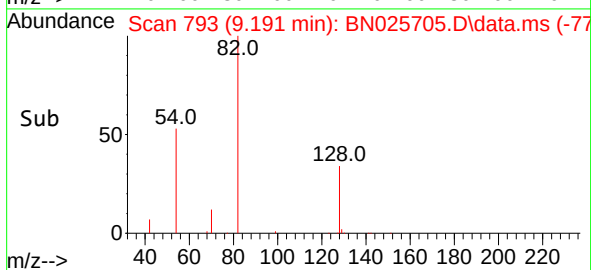
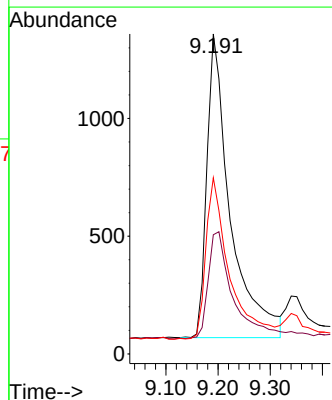
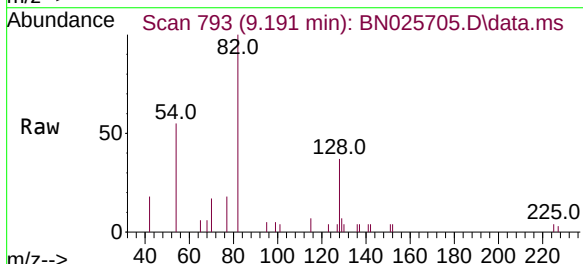
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440

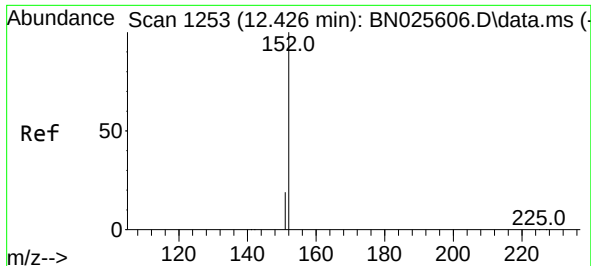
Tgt Ion:	136	Resp:	16921
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	9.1	5.4	8.0#
68	6.5	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 9.191 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN025705.D
Acq: 29 May 2023 06:31

Tgt Ion:	82	Resp:	3999
Ion Ratio	Lower	Upper	
82	100		
128	37.2	32.5	48.7
54	55.0	40.6	60.8





#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 12.419 min Scan# 1251

Delta R.T. -0.004 min

Lab File: BN025705.D

Acq: 29 May 2023 06:31

Instrument :

BNA_N

ClientSampleId :

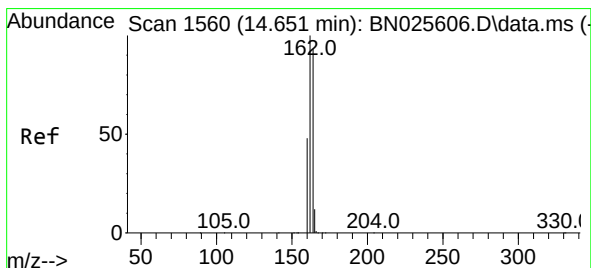
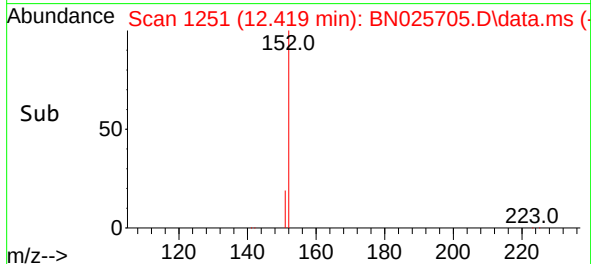
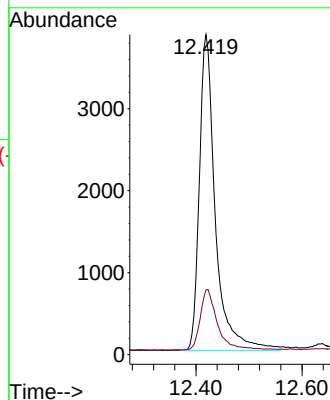
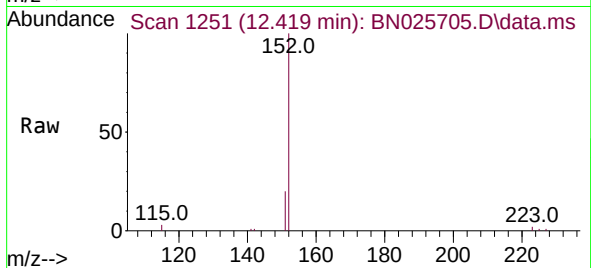
BP-VPB-RW11-GW-438-440

Tgt Ion:152 Resp: 8041

Ion Ratio Lower Upper

152 100

151 20.6 16.1 24.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1560

Delta R.T. -0.000 min

Lab File: BN025705.D

Acq: 29 May 2023 06:31

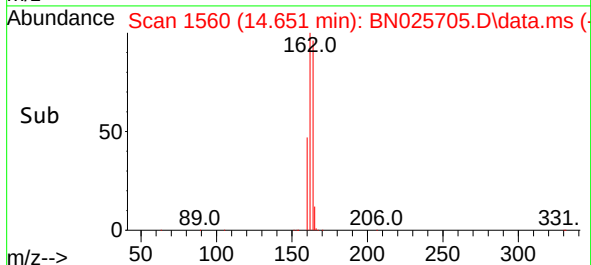
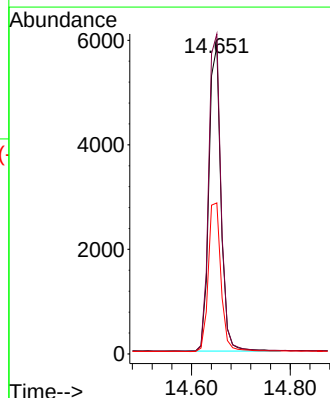
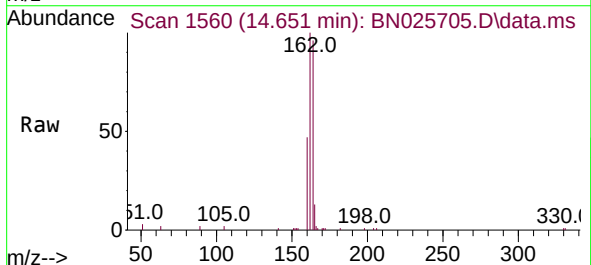
Tgt Ion:164 Resp: 9908

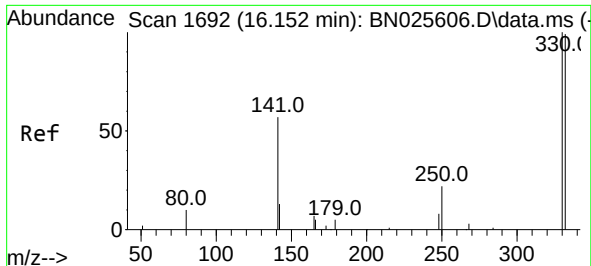
Ion Ratio Lower Upper

164 100

162 103.9 86.4 129.6

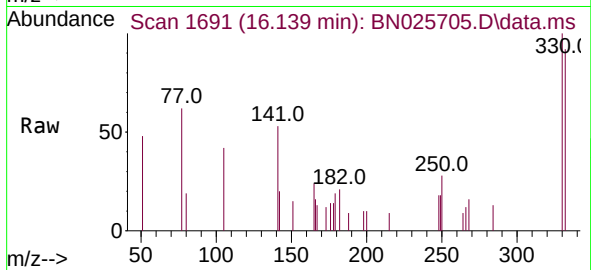
160 49.0 41.9 62.9



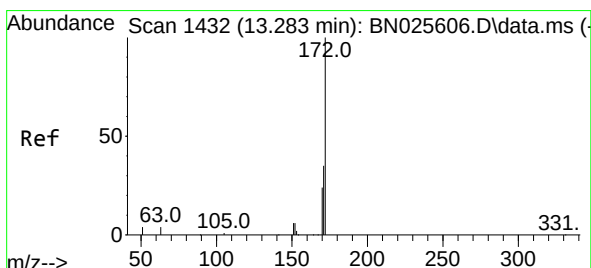
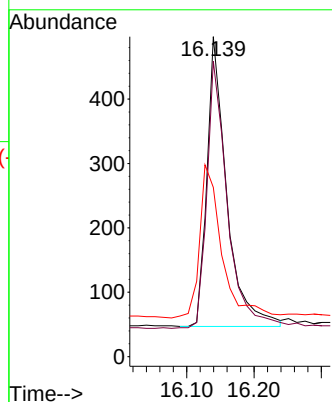
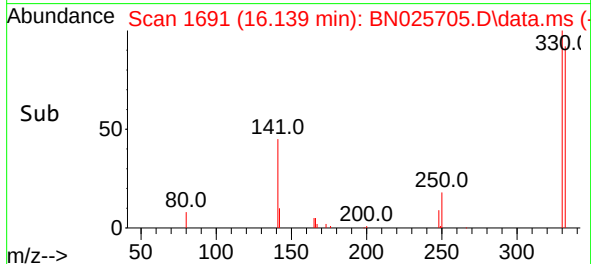


#14
2,4,6-Tribromophenol
Concen: 0.460 ng
RT: 16.139 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN025705.D
Acq: 29 May 2023 06:31

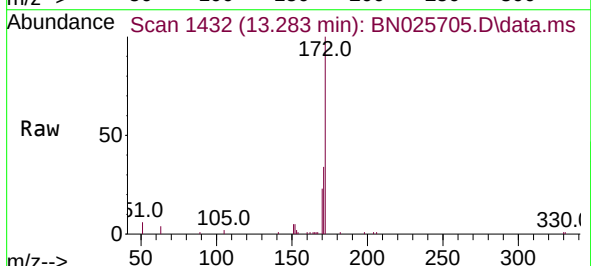
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440



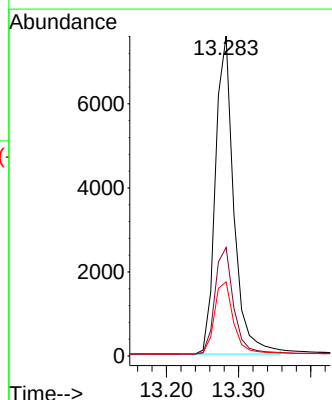
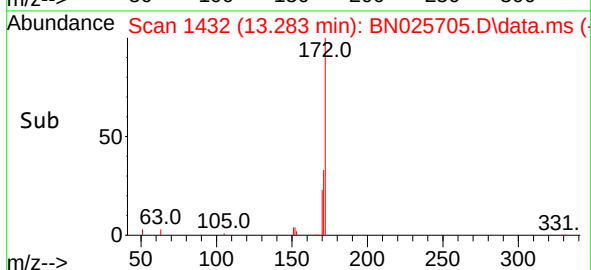
Tgt Ion: 330 Resp: 921
Ion Ratio Lower Upper
330 100
332 96.1 80.0 120.0
141 59.3 45.8 68.6

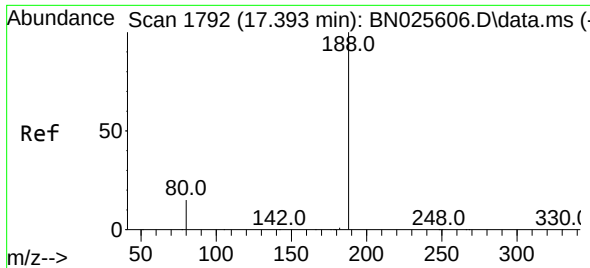


#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025705.D
Acq: 29 May 2023 06:31



Tgt Ion: 172 Resp: 13373
Ion Ratio Lower Upper
172 100
171 33.9 28.6 42.8
170 23.1 19.7 29.5

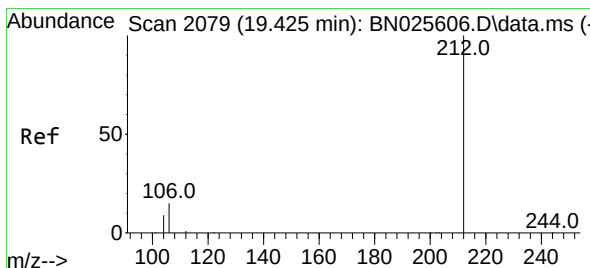
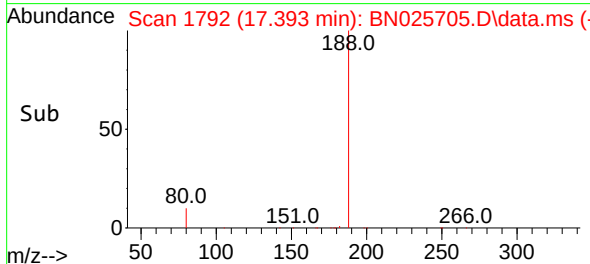
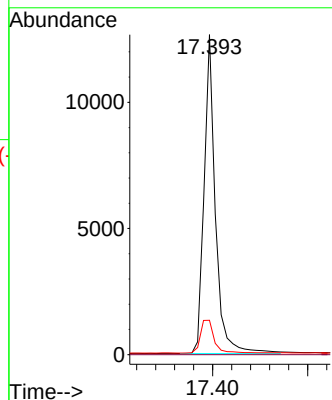
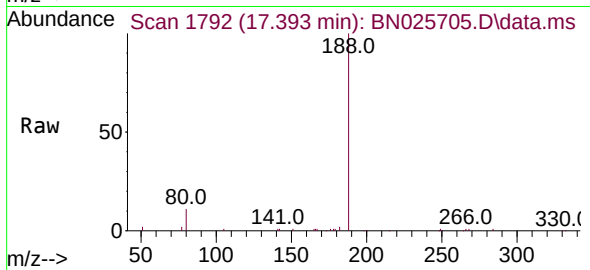




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025705.D
Acq: 29 May 2023 06:31

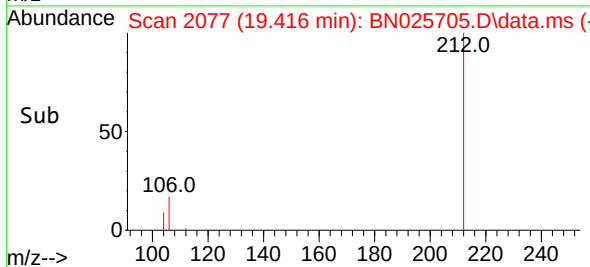
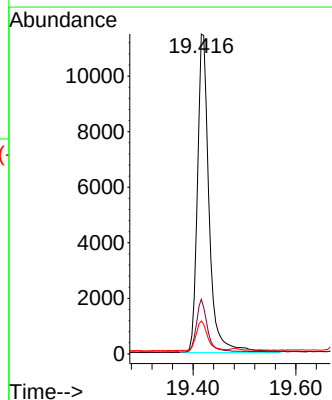
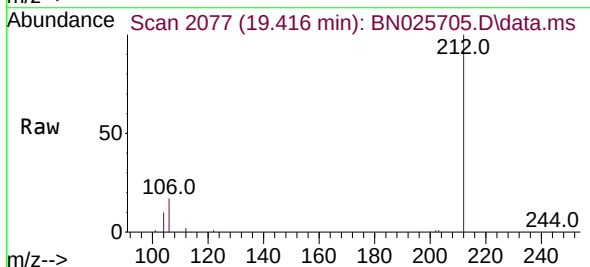
Instrument :
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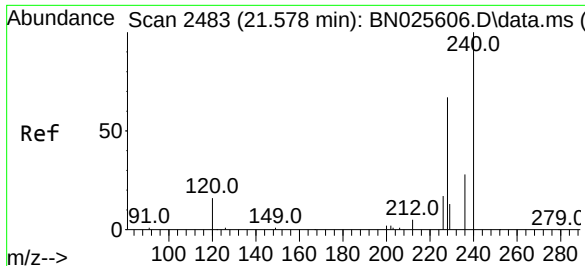
Tgt Ion:188 Resp: 20973
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.416 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BN025705.D
Acq: 29 May 2023 06:31

Tgt Ion:212 Resp: 18084
Ion Ratio Lower Upper
212 100
106 15.8 12.3 18.5
104 9.4 7.2 10.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.578 min Scan# 2483

Delta R.T. -0.000 min

Lab File: BN025705.D

Acq: 29 May 2023 06:31

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-438-440

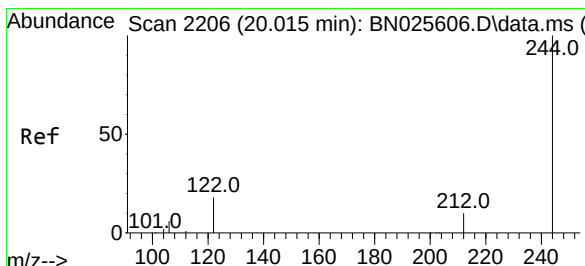
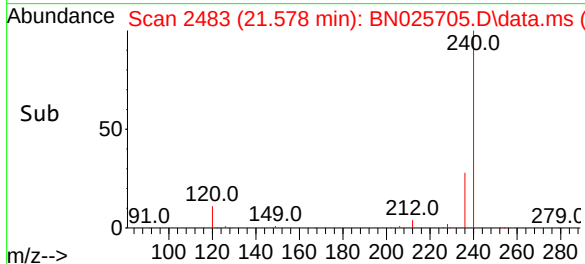
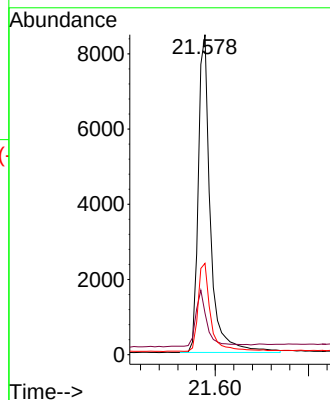
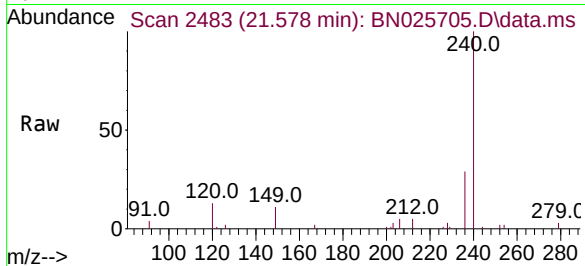
Tgt Ion:240 Resp: 15275

Ion Ratio Lower Upper

240 100

120 13.0 15.4 23.0#

236 28.6 23.2 34.8



#31

Terphenyl-d14

Concen: 0.482 ng

RT: 20.006 min Scan# 2204

Delta R.T. -0.009 min

Lab File: BN025705.D

Acq: 29 May 2023 06:31

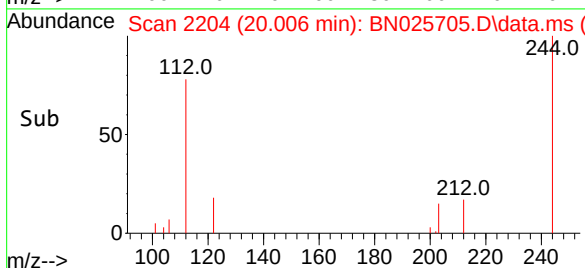
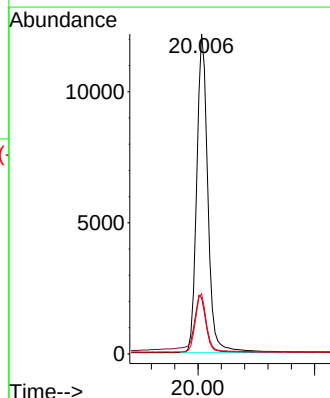
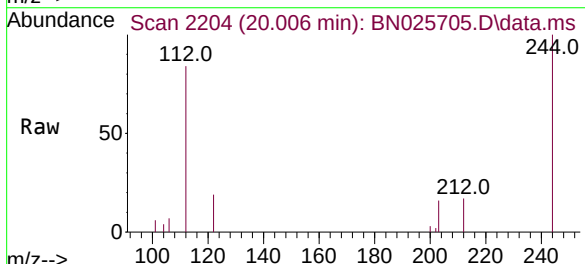
Tgt Ion:244 Resp: 16106

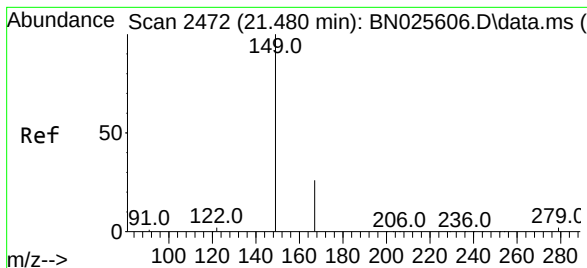
Ion Ratio Lower Upper

244 100

212 17.5 8.5 12.7#

122 18.8 14.9 22.3

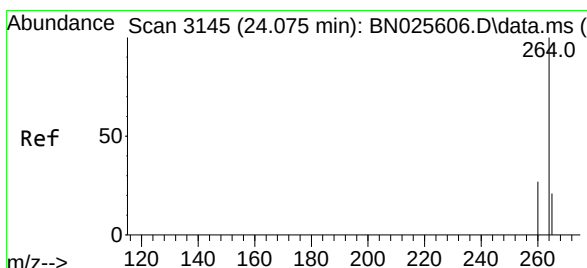
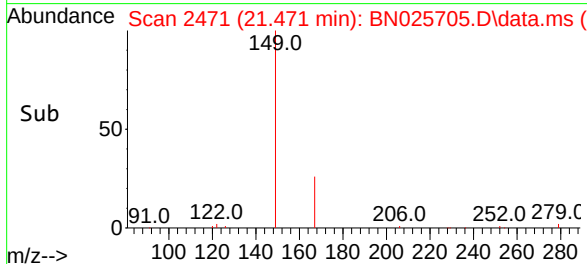
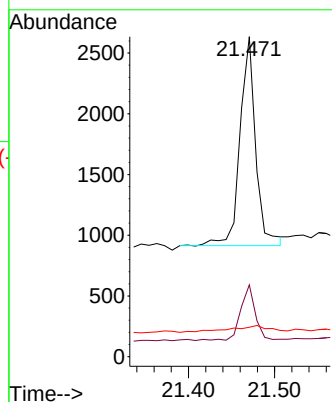
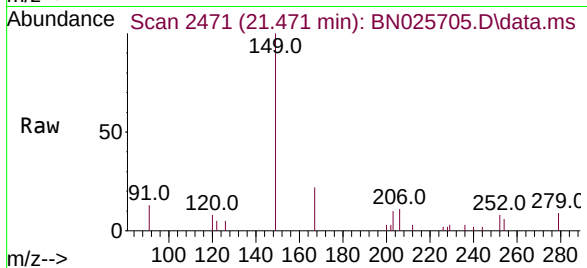




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.063 ng
RT: 21.471 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BN025705.D
Acq: 29 May 2023 06:31

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440

Tgt Ion:149 Resp: 2187
Ion Ratio Lower Upper
149 100
167 25.2 20.4 30.6
279 8.5 3.3 4.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.066 min Scan# 3142
Delta R.T. -0.003 min
Lab File: BN025705.D
Acq: 29 May 2023 06:31

Tgt Ion:264 Resp: 14456
Ion Ratio Lower Upper
264 100
260 26.7 22.3 33.5
265 49.8 54.3 81.5#

