

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092822\
 Data File : BN021935.D
 Acq On : 27 Sep 2022 14:59
 Operator : CG/JU
 Sample : N4791-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-538-540

Quant Time: Sep 28 04:29:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 04:21:32 2022
 Response via : Initial Calibration

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

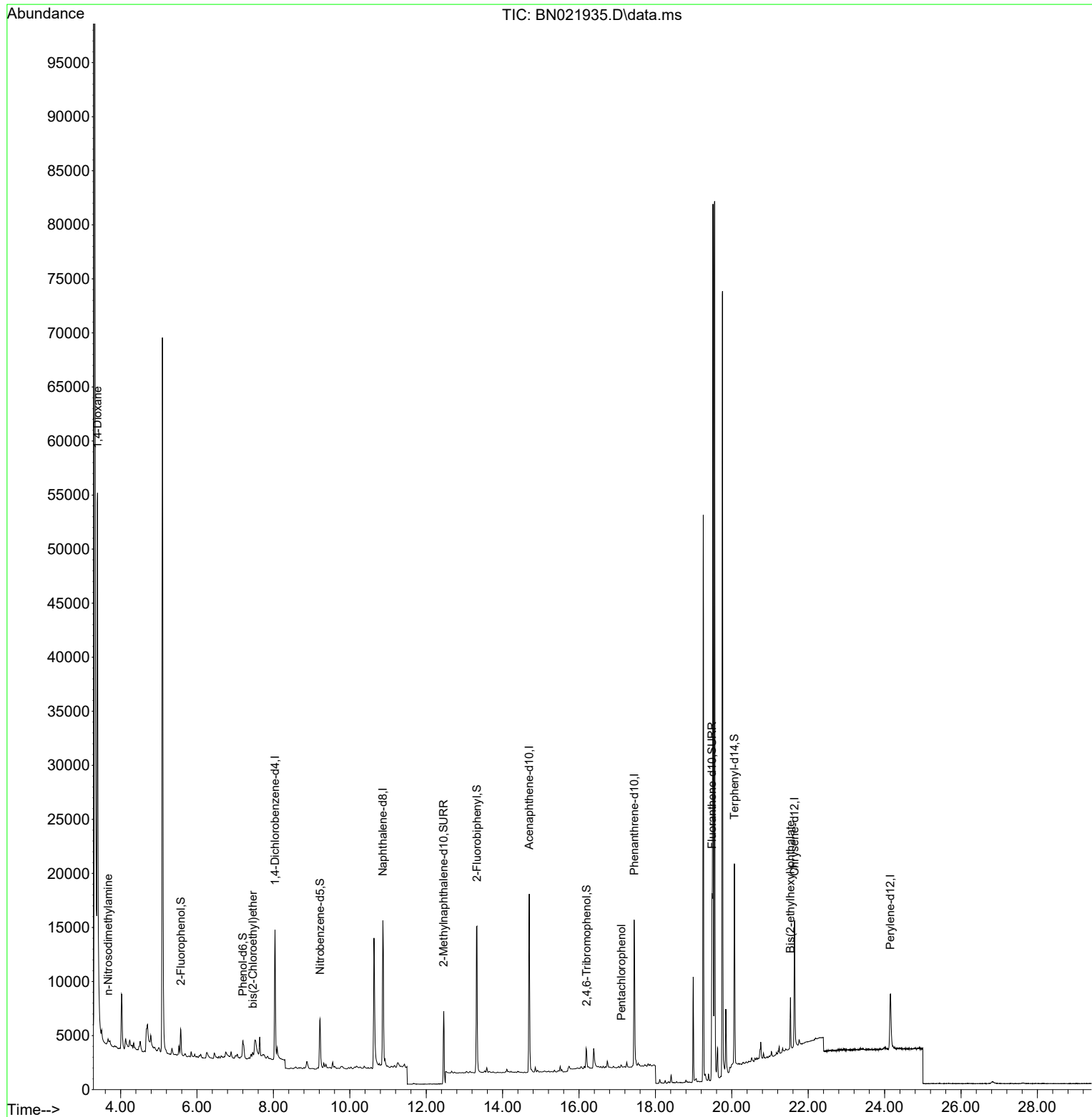
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	5638	0.400	ng	0.00
7) Naphthalene-d8	10.866	136	18412	0.400	ng	# 0.00
13) Acenaphthene-d10	14.696	164	9874	0.400	ng	0.00
19) Phenanthrene-d10	17.444	188	18683	0.400	ng	0.00
29) Chrysene-d12	21.643	240	11518	0.400	ng	# 0.00
35) Perylene-d12	24.150	264	8976	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	2298	0.156	ng	0.00
5) Phenol-d6	7.202	99	1820	0.097	ng	0.00
8) Nitrobenzene-d5	9.222	82	4794	0.315	ng	0.01
11) 2-Methylnaphthalene-d10	12.460	152	14071	0.303	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	1215	0.269	ng	0.00
15) 2-Fluorobiphenyl	13.328	172	13860	0.344	ng	0.00
27) Fluoranthene-d10	19.481	212	19566	0.389	ng	0.00
31) Terphenyl-d14	20.067	244	12718	0.483	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.396	88	34990	4.803	ng	97
3) n-Nitrosodimethylamine	3.678	42	359	0.048	ng	# 1
6) bis(2-Chloroethyl)ether	7.462	93	384	0.021	ng	94
24) Pentachlorophenol	17.109	266	217	0.045	ng	95
34) Bis(2-ethylhexyl)phtha...	21.535	149	4559	0.154	ng	# 97

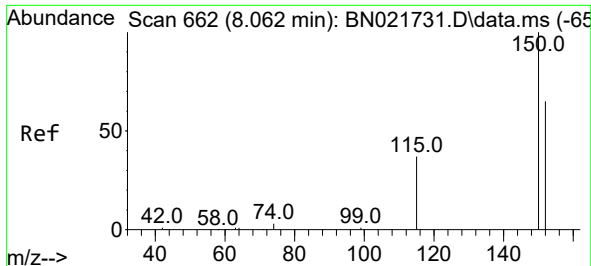
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

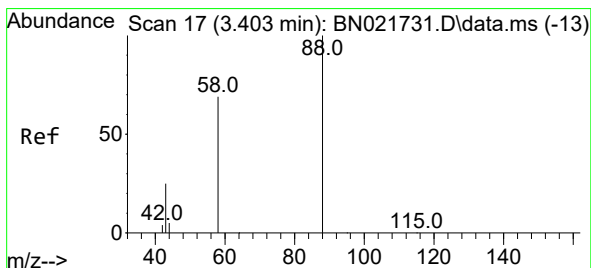
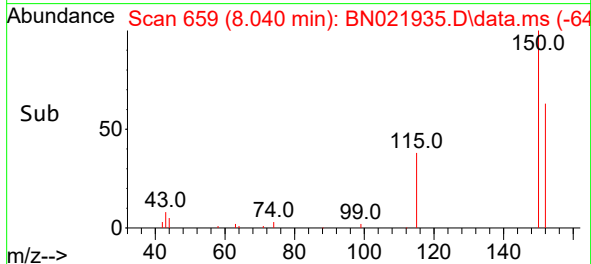
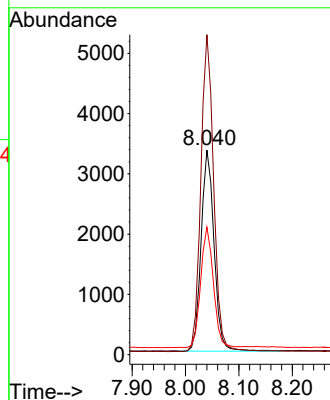
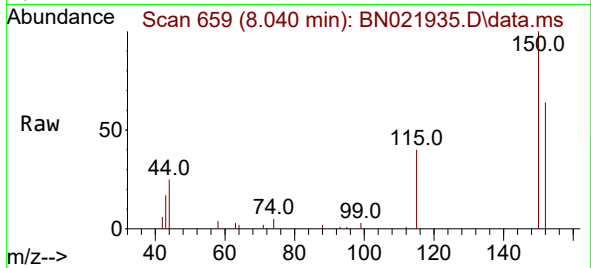




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

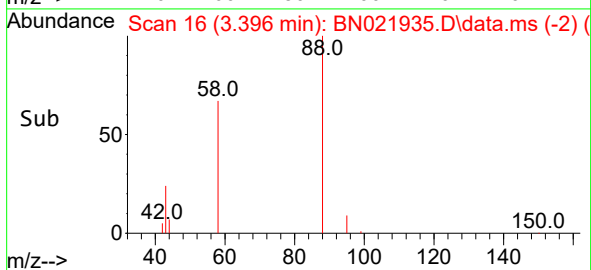
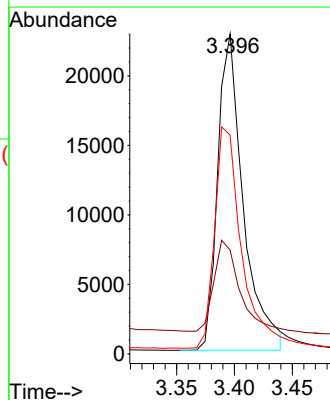
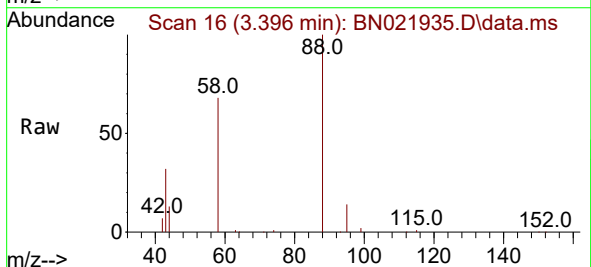
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-538-540

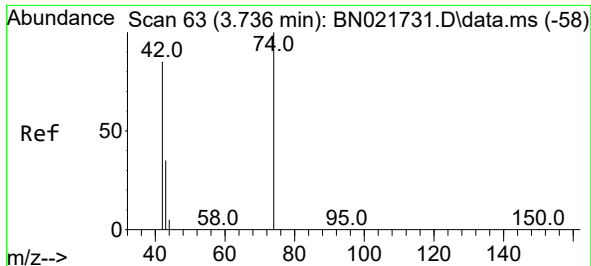
Tgt Ion:152 Resp: 5638
Ion Ratio Lower Upper
152 100
150 156.3 121.8 182.8
115 62.3 48.3 72.5



#2
1,4-Dioxane
Concen: 4.803 ng
RT: 3.396 min Scan# 16
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

Tgt Ion: 88 Resp: 34990
Ion Ratio Lower Upper
88 100
43 28.6 24.2 36.2
58 72.9 60.2 90.4

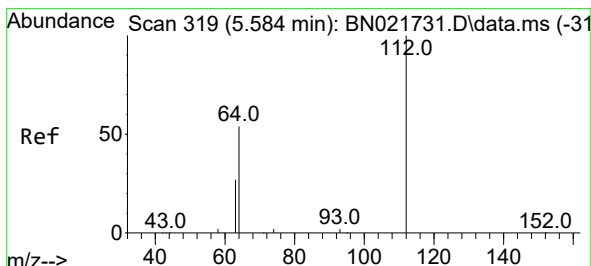
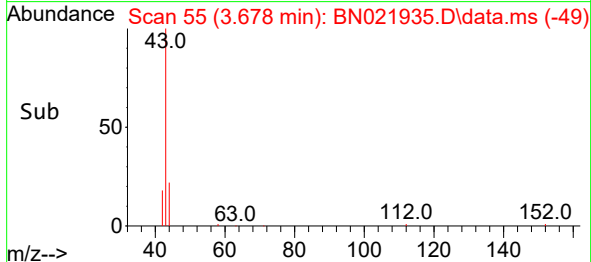
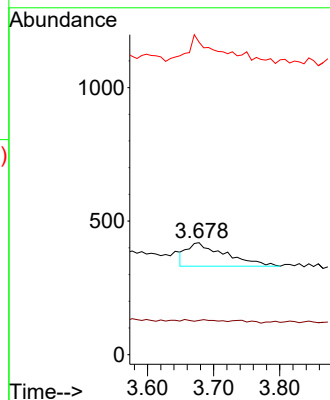
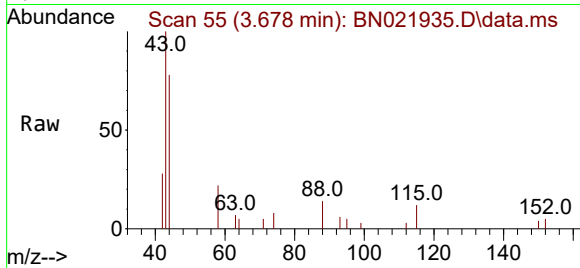




#3
n-Nitrosodimethylamine
Concen: 0.048 ng
RT: 3.678 min Scan# 51
Delta R.T. -0.058 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

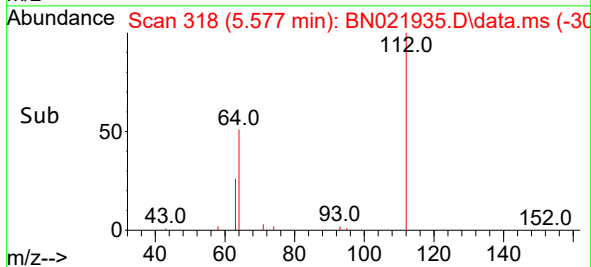
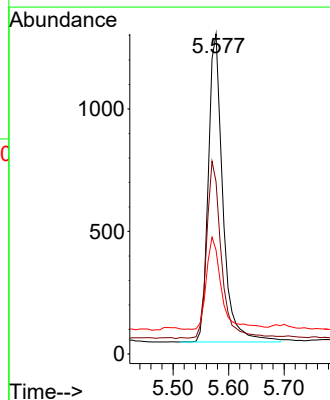
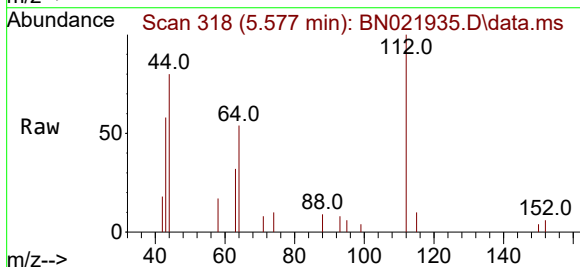
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-538-540

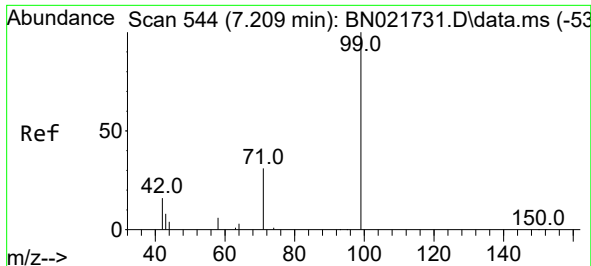
Tgt Ion: 42 Resp: 359
Ion Ratio Lower Upper
42 100
74 3.3 116.3 174.5#
44 95.8 9.0 13.4#



#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.577 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

Tgt Ion: 112 Resp: 2298
Ion Ratio Lower Upper
112 100
64 58.5 45.4 68.2
63 30.9 23.3 34.9

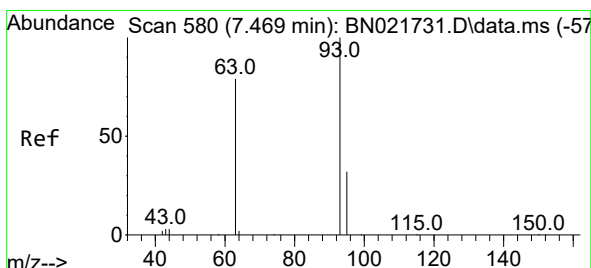
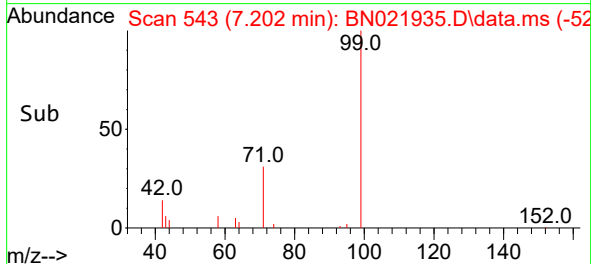
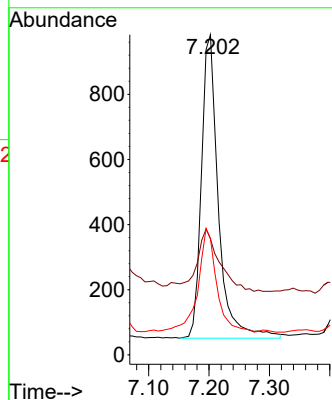
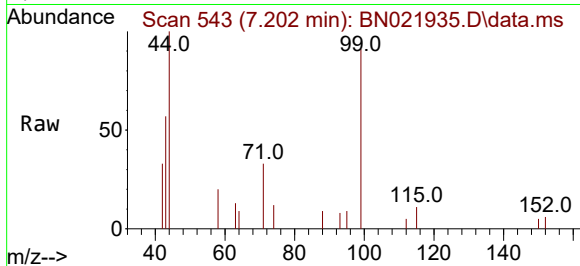




#5
Phenol-d6
Concen: 0.097 ng
RT: 7.202 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

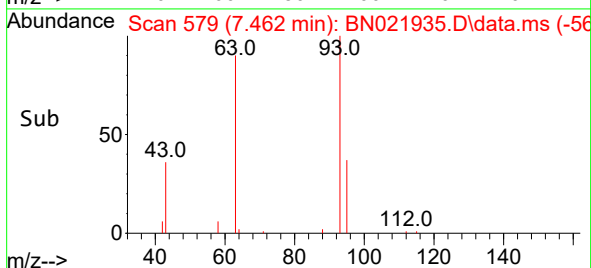
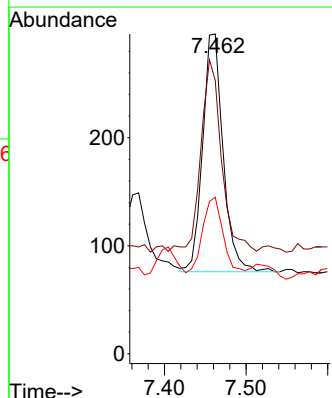
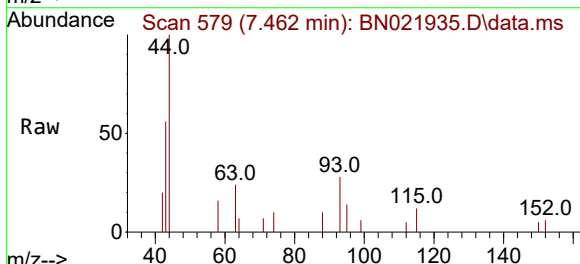
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-538-540

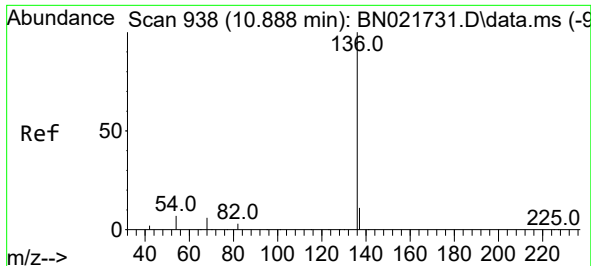
Tgt Ion: 99 Resp: 1820
Ion Ratio Lower Upper
99 100
42 29.0 15.1 22.7#
71 37.9 25.3 37.9



#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.462 min Scan# 579
Delta R.T. 0.007 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

Tgt Ion: 93 Resp: 384
Ion Ratio Lower Upper
93 100
63 81.8 60.0 90.0
95 32.8 26.2 39.4

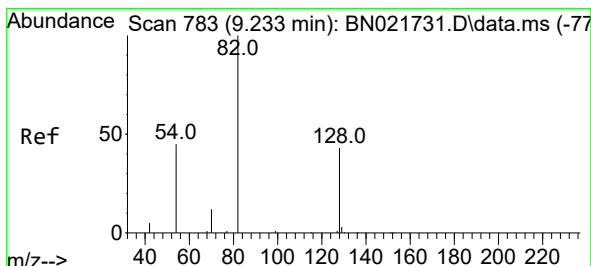
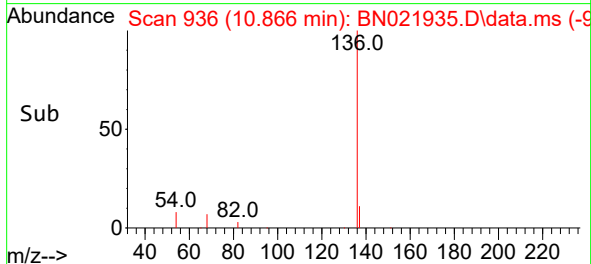
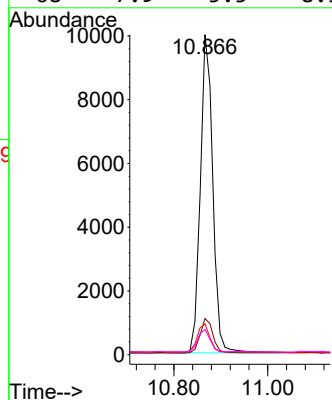
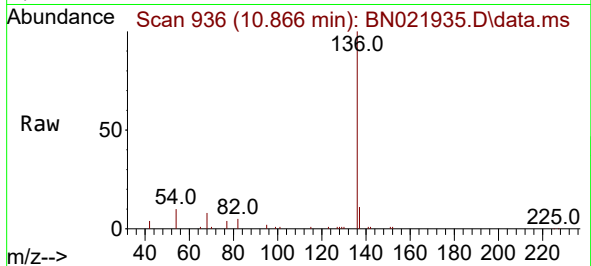




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.866 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

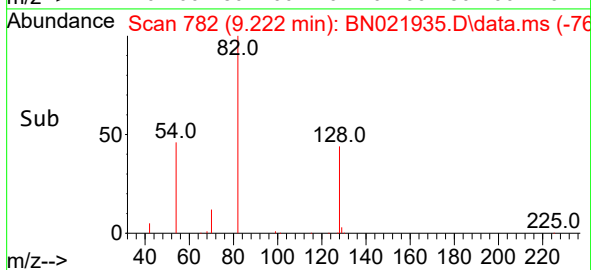
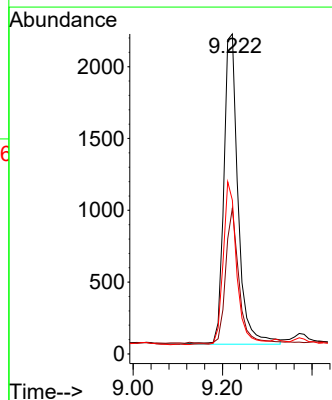
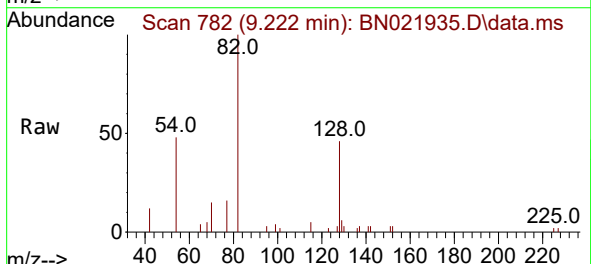
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-538-540

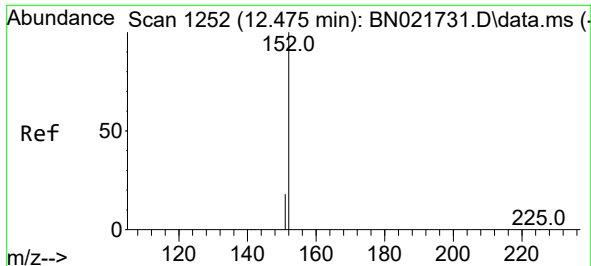
Tgt Ion:	136	Resp:	18412
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	9.6	6.4	9.6#
68	7.9	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 9.222 min Scan# 782
Delta R.T. 0.011 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

Tgt Ion:	82	Resp:	4794
Ion Ratio	Lower	Upper	
82	100		
128	45.6	35.6	53.4
54	48.1	37.8	56.8

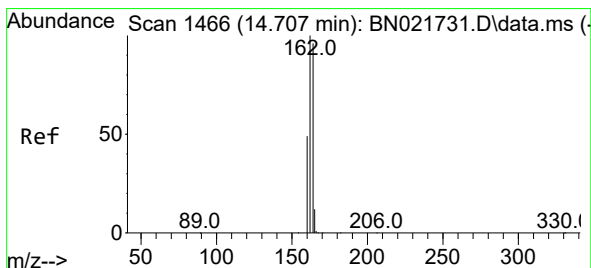
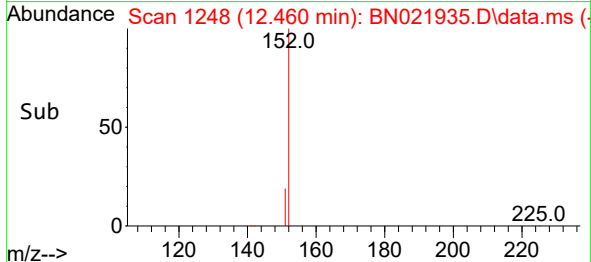
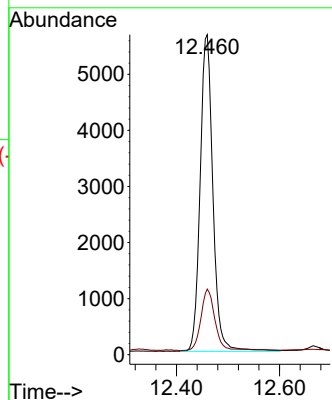
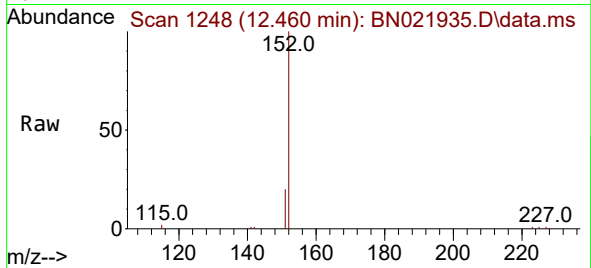




#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 12.460 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

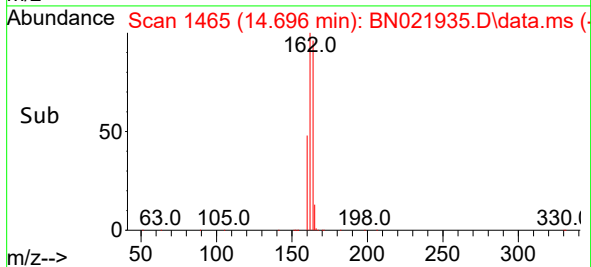
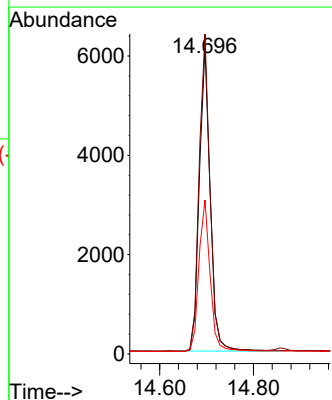
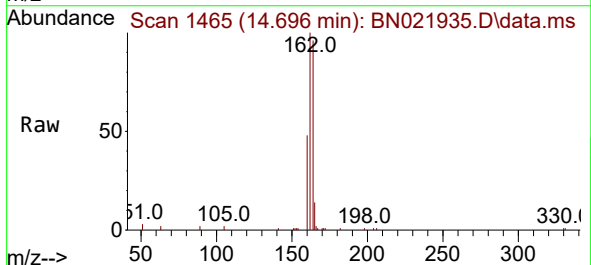
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-538-540

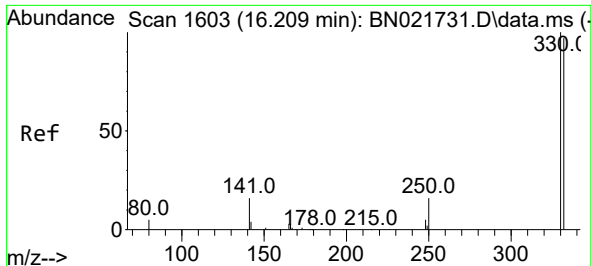
Tgt Ion:152 Resp: 14071
Ion Ratio Lower Upper
152 100
151 21.4 15.6 23.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.696 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

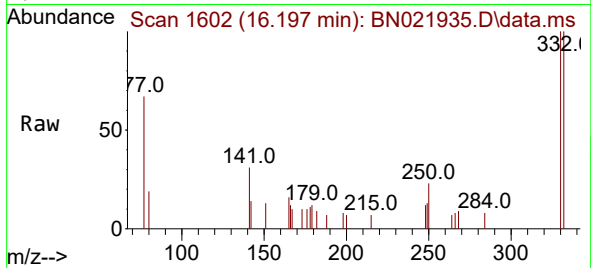
Tgt Ion:164 Resp: 9874
Ion Ratio Lower Upper
164 100
162 104.4 83.2 124.8
160 50.2 40.9 61.3



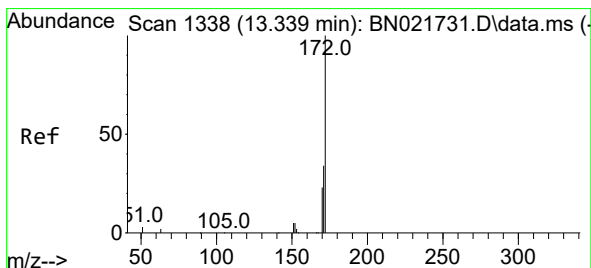
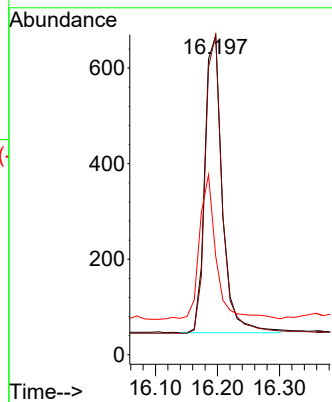
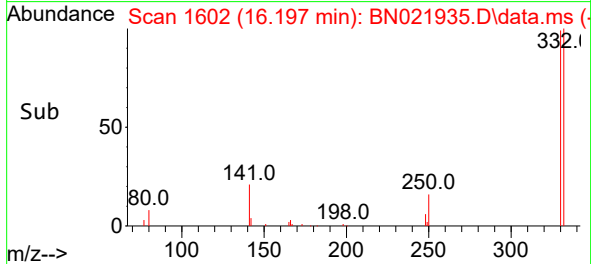


#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 16.197 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

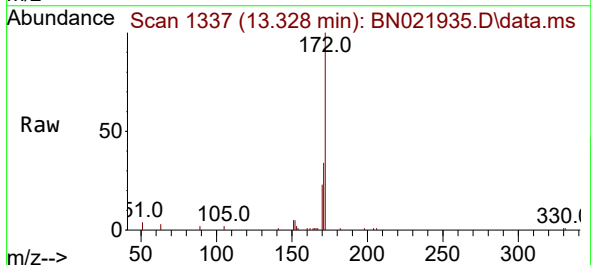
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-538-540



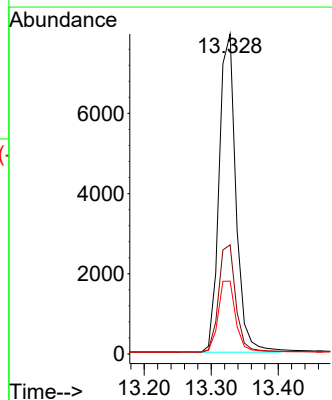
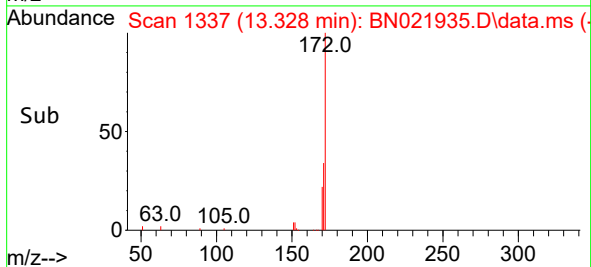
Tgt Ion:330 Resp: 1215
Ion Ratio Lower Upper
330 100
332 97.9 76.8 115.2
141 45.9 37.2 55.8

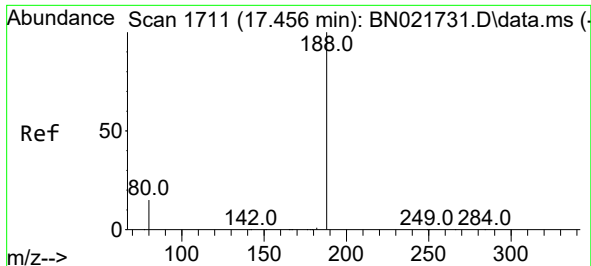


#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.328 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59



Tgt Ion:172 Resp: 13860
Ion Ratio Lower Upper
172 100
171 34.1 27.7 41.5
170 22.8 18.8 28.2

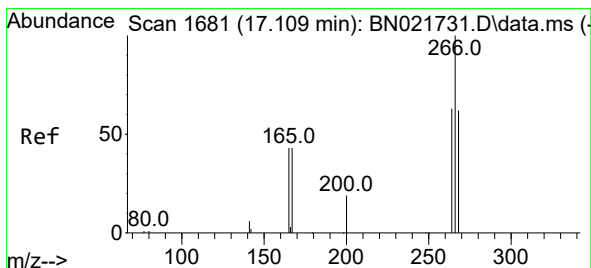
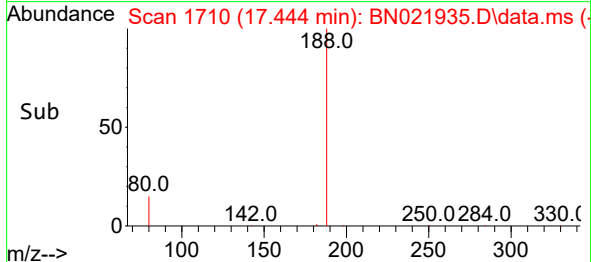
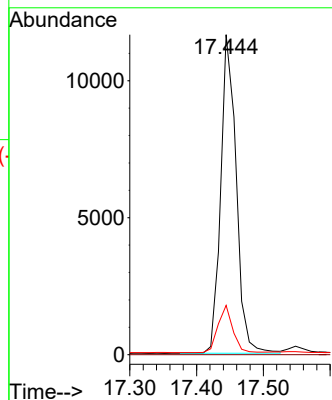
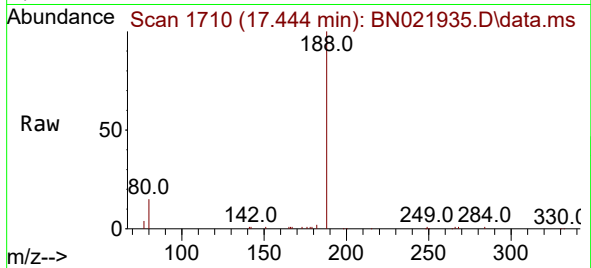




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.444 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

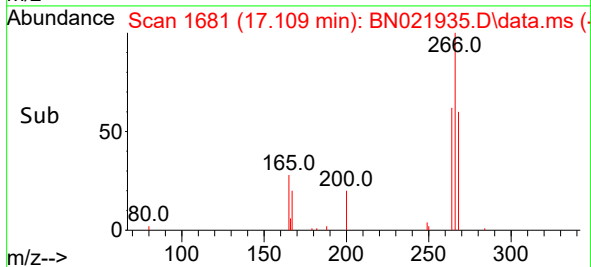
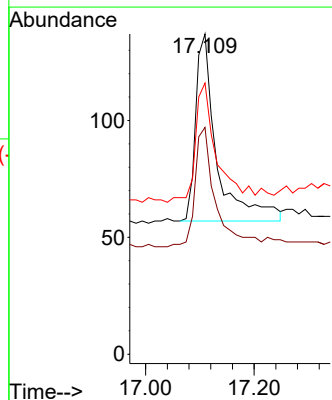
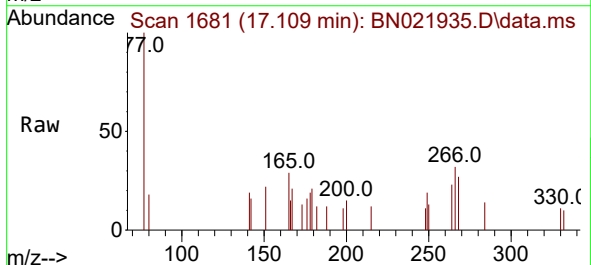
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-538-540

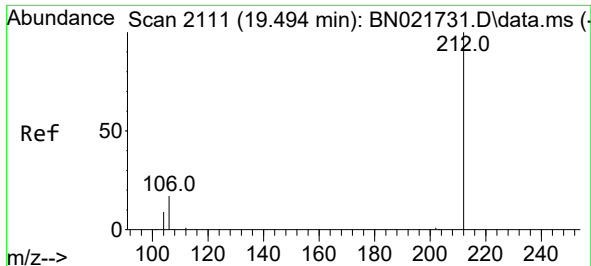
Tgt Ion:188 Resp: 18683
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.4 12.6 19.0



#24
Pentachlorophenol
Concen: 0.045 ng
RT: 17.109 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

Tgt Ion:266 Resp: 217
Ion Ratio Lower Upper
266 100
264 61.3 50.0 75.0
268 68.7 50.2 75.2

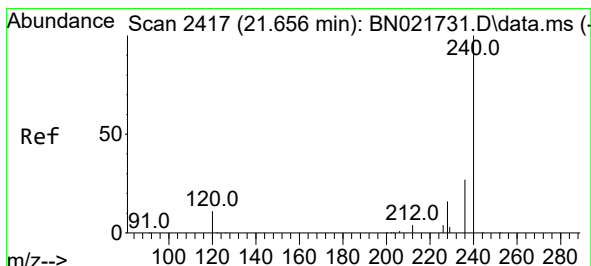
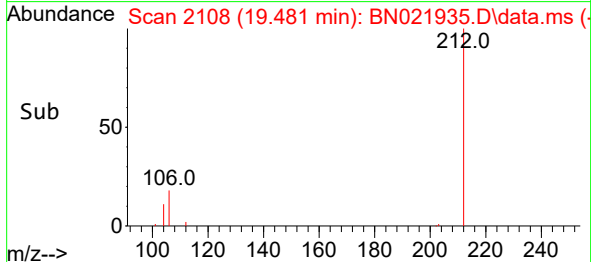
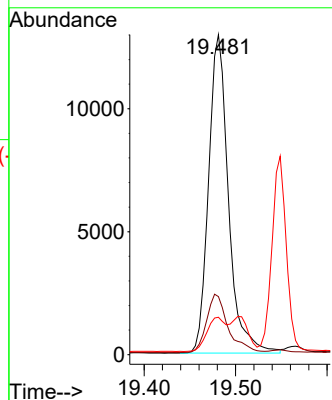
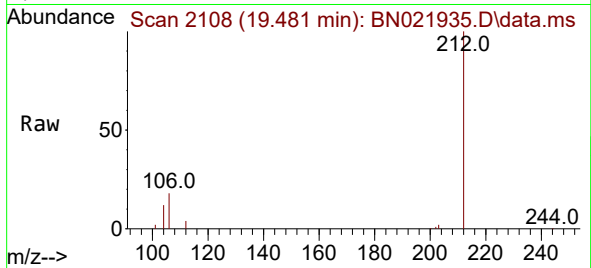




#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.481 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

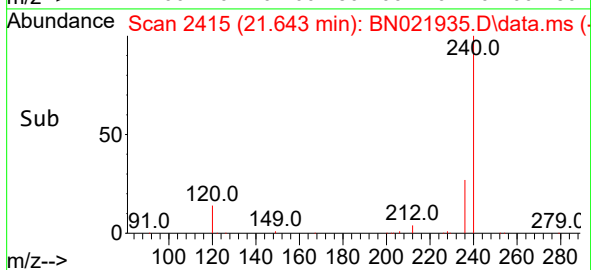
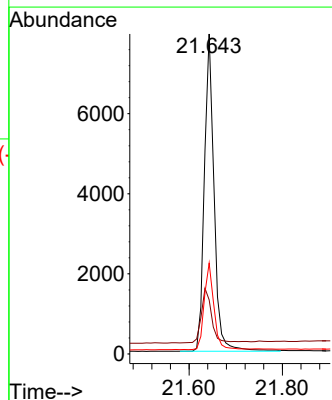
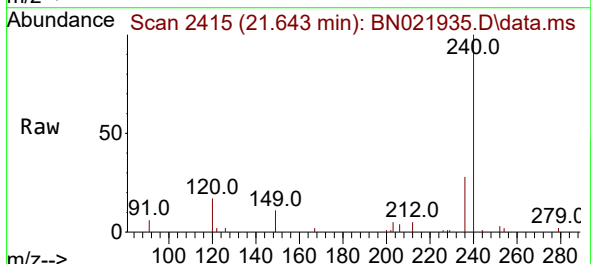
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-538-540

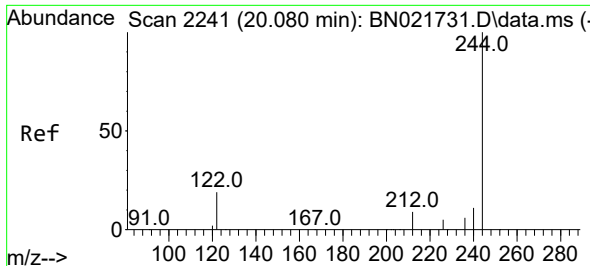
Tgt Ion:212 Resp: 19566
Ion Ratio Lower Upper
212 100
106 19.7 14.3 21.5
104 10.0 8.0 12.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.643 min Scan# 2415
Delta R.T. 0.005 min
Lab File: BN021935.D
Acq: 27 Sep 2022 14:59

Tgt Ion:240 Resp: 11518
Ion Ratio Lower Upper
240 100
120 16.9 9.8 14.8#
236 28.4 22.2 33.4

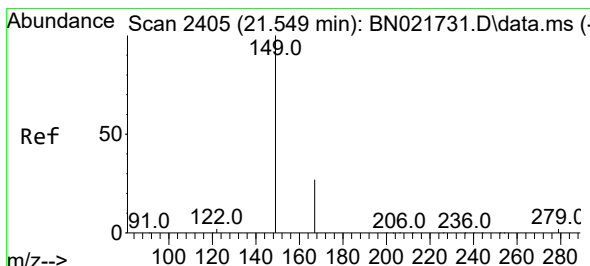
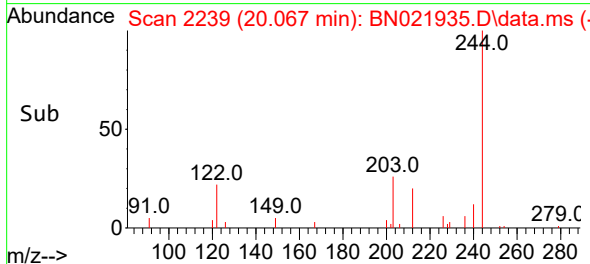
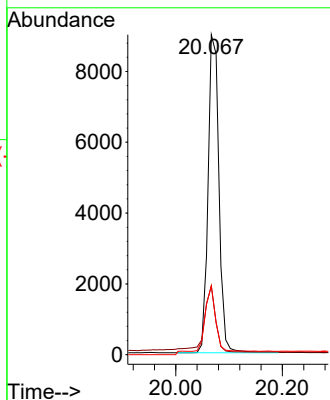
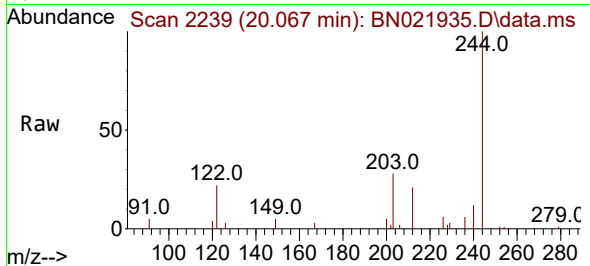




#31
 Terphenyl-d14
 Concen: 0.483 ng
 RT: 20.067 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN021935.D
 Acq: 27 Sep 2022 14:59

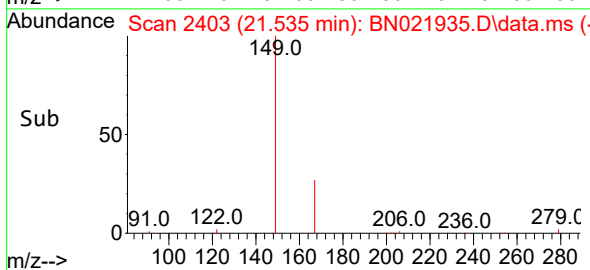
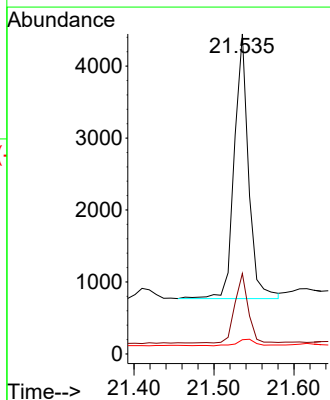
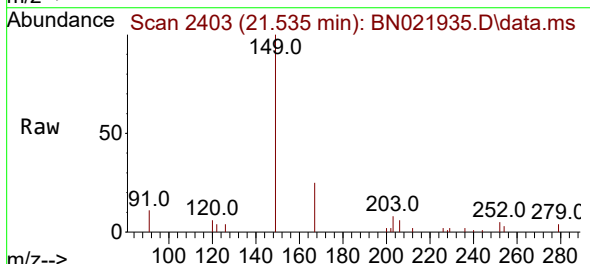
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-538-540

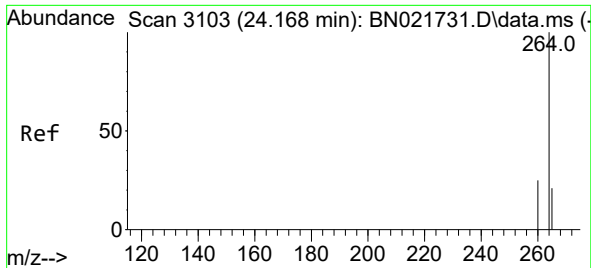
Tgt Ion:244 Resp: 12718
 Ion Ratio Lower Upper
 244 100
 212 21.5 7.9 11.9#
 122 21.6 15.8 23.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.154 ng
 RT: 21.535 min Scan# 2403
 Delta R.T. 0.005 min
 Lab File: BN021935.D
 Acq: 27 Sep 2022 14:59

Tgt Ion:149 Resp: 4559
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.8 31.2
 279 3.3 2.1 3.1#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.150 min Scan# 30

Delta R.T. -0.001 min

Lab File: BN021935.D

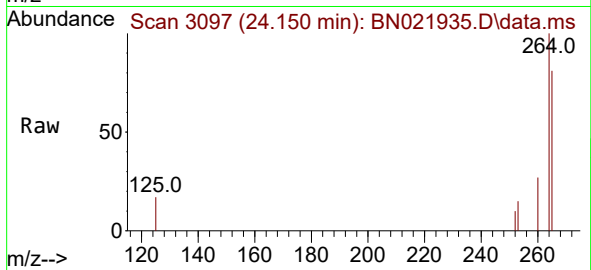
Acq: 27 Sep 2022 14:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW5-GW-538-540



Tgt Ion:264 Resp: 8976

Ion Ratio Lower Upper

264 100

260 27.4 20.6 31.0

265 81.4 34.4 51.6#

