

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092622\
 Data File : BN021913.D
 Acq On : 26 Sep 2022 11:44
 Operator : CG/JU
 Sample : N4688-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-438-440

Quant Time: Sep 26 17:36:23 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 14 01:55:04 2022
 Response via : Initial Calibration

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

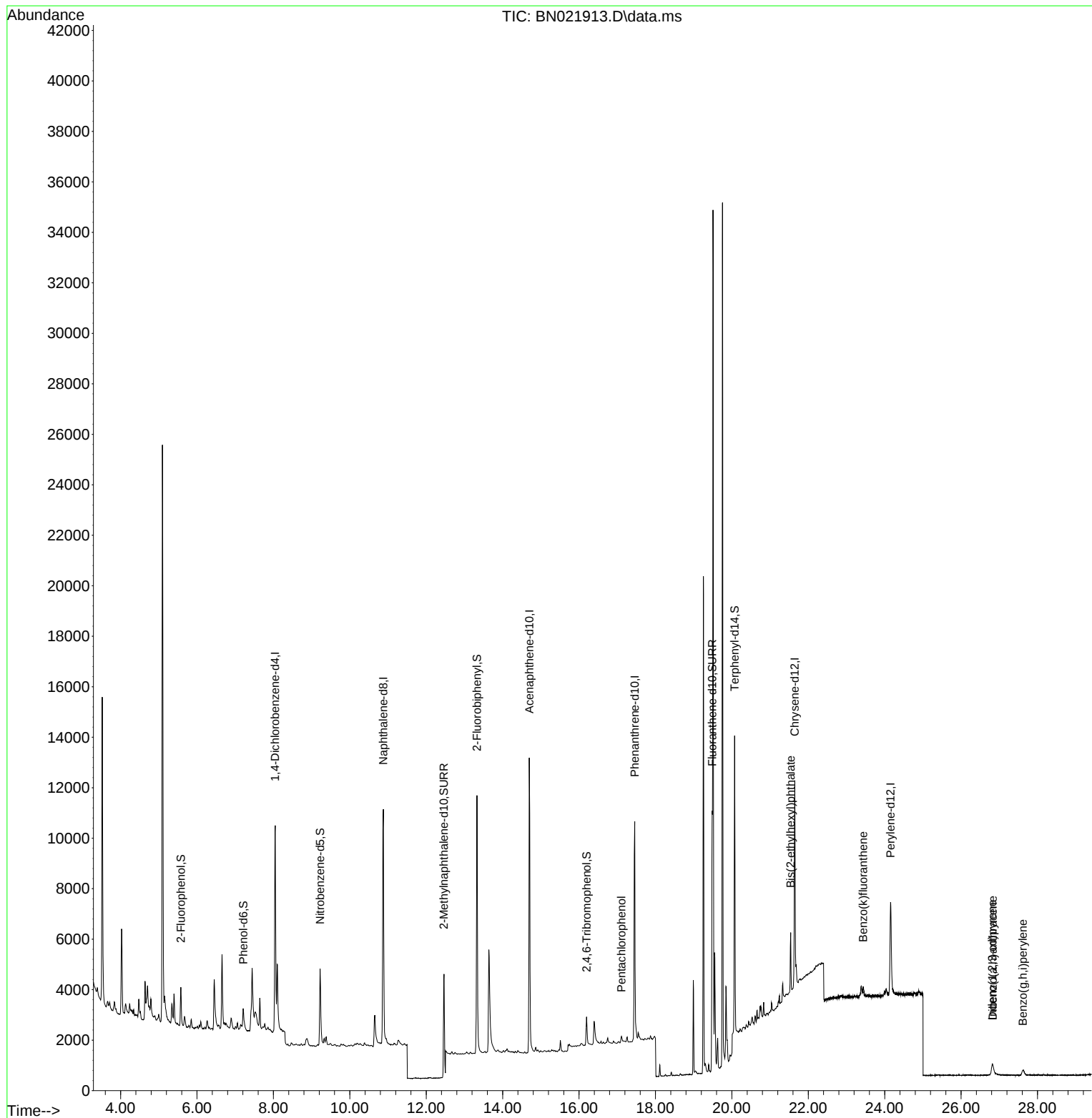
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	4310	0.400	ng	-0.01
7) Naphthalene-d8	10.877	136	13861	0.400	ng	-0.01
13) Acenaphthene-d10	14.696	164	7533	0.400	ng	-0.01
19) Phenanthrene-d10	17.456	188	13075	0.400	ng	# 0.00
29) Chrysene-d12	21.647	240	7893	0.400	ng	# 0.00
35) Perylene-d12	24.154	264	6368	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	1388	0.123	ng	0.00
5) Phenol-d6	7.209	99	1027	0.072	ng	0.00
8) Nitrobenzene-d5	9.222	82	3160	0.276	ng	-0.01
11) 2-Methylnaphthalene-d10	12.463	152	9414	0.269	ng	-0.01
14) 2,4,6-Tribromophenol	16.197	330	731	0.212	ng	-0.01
15) 2-Fluorobiphenyl	13.328	172	9765	0.317	ng	-0.01
27) Fluoranthene-d10	19.485	212	11549	0.328	ng	0.00
31) Terphenyl-d14	20.071	244	8577	0.475	ng	0.00
Target Compounds						
24) Pentachlorophenol	17.109	266	221	0.065	ng	97
34) Bis(2-ethylhexyl)phtha...	21.540	149	2508	0.124	ng	99
36) Indeno(1,2,3-cd)pyrene	26.814	276	677	0.022	ng	# 91
38) Benzo(k)fluoranthene	23.434	252	566	0.020	ng	# 1
40) Dibenzo(a,h)anthracene	26.826	278	577	0.024	ng	# 1
41) Benzo(g,h,i)perylene	27.618	276	567	0.023	ng	# 25

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

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Response via : Initial Calibration

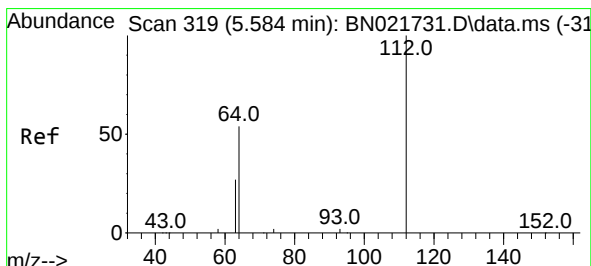
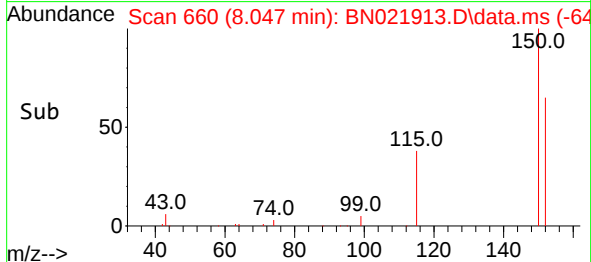
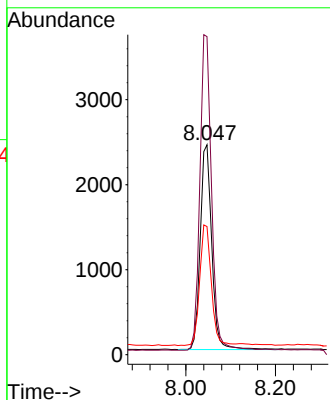
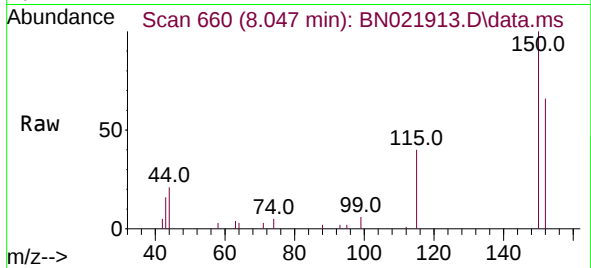




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.047 min Scan# 60
Delta R.T. -0.015 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

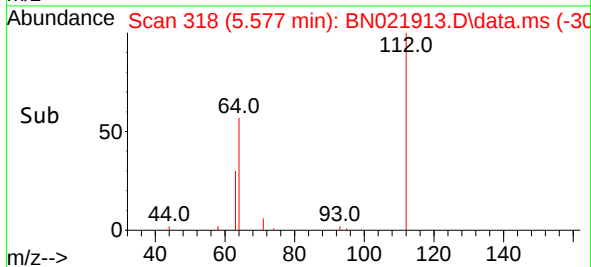
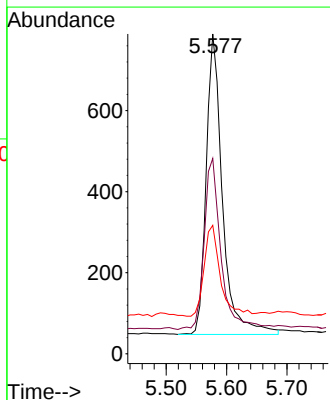
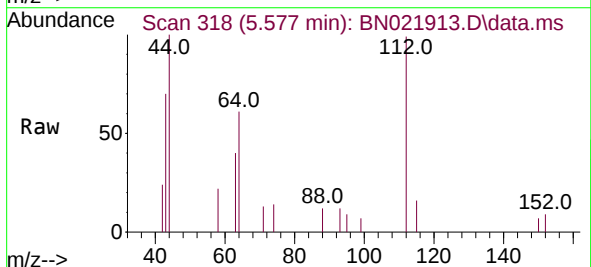
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440

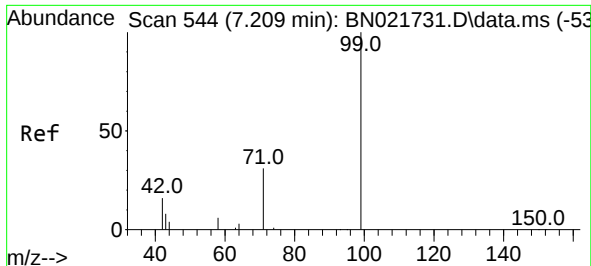
Tgt Ion:152 Resp: 4310
Ion Ratio Lower Upper
152 100
150 151.5 121.8 182.8
115 61.1 48.3 72.5



#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.577 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

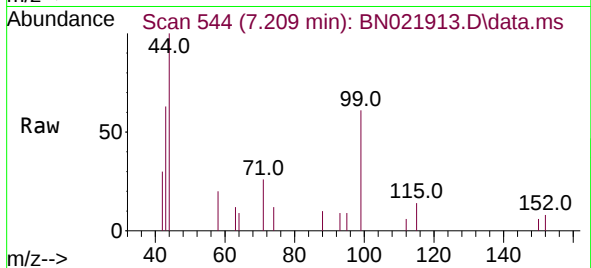
Tgt Ion:112 Resp: 1388
Ion Ratio Lower Upper
112 100
64 59.2 45.4 68.2
63 30.3 23.3 34.9



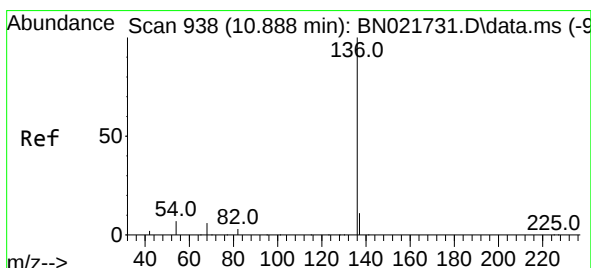
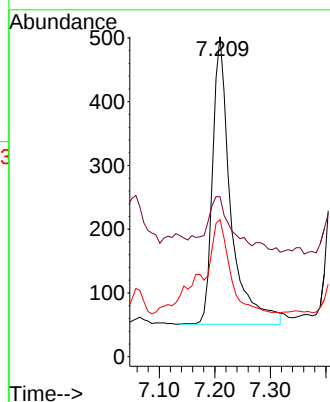
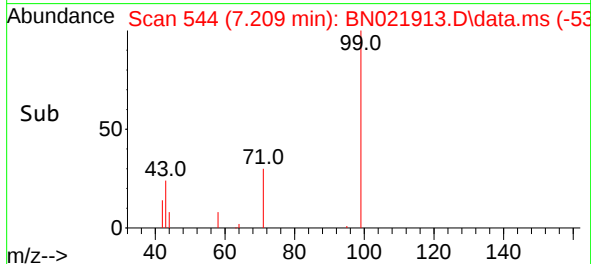


#5
Phenol-d6
Concen: 0.072 ng
RT: 7.209 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

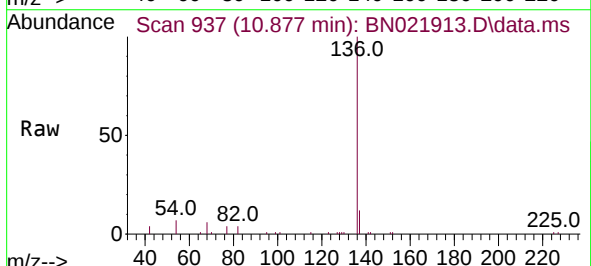
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440



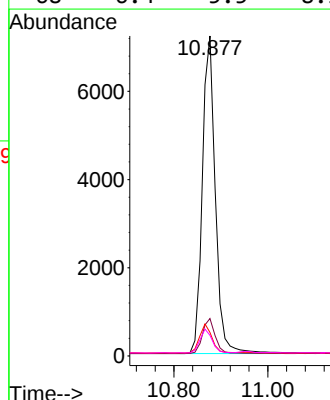
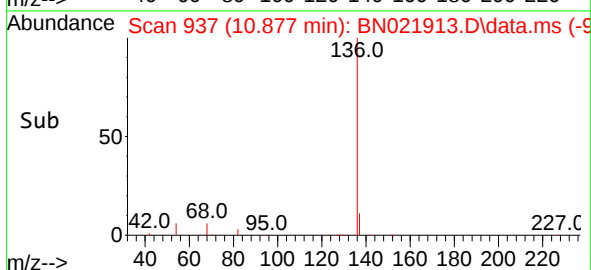
Tgt Ion: 99 Resp: 1027
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 48.7 25.3 37.9#

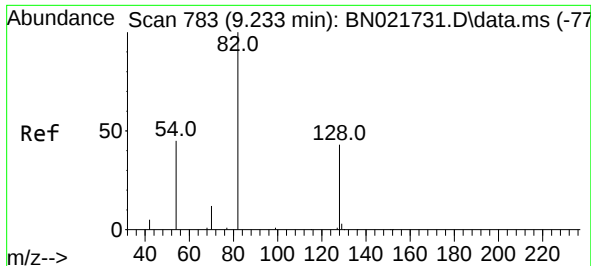


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.877 min Scan# 937
Delta R.T. -0.011 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44



Tgt Ion: 136 Resp: 13861
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 7.4 6.4 9.6
68 6.4 5.5 8.3

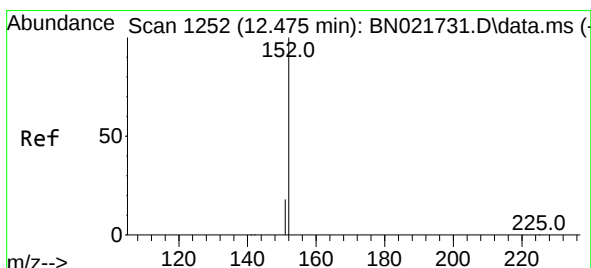
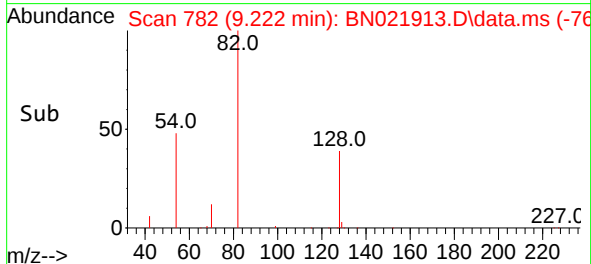
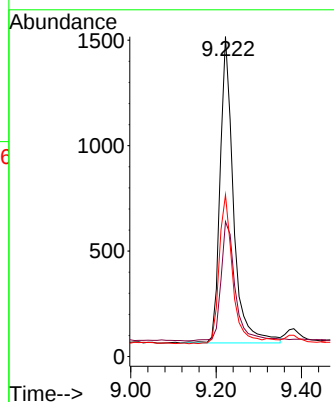
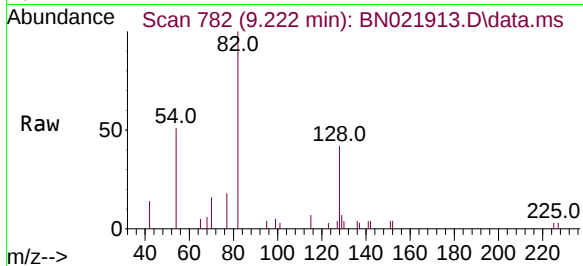




#8
 Nitrobenzene-d5
 Concen: 0.276 ng
 RT: 9.222 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN021913.D
 Acq: 26 Sep 2022 11:44

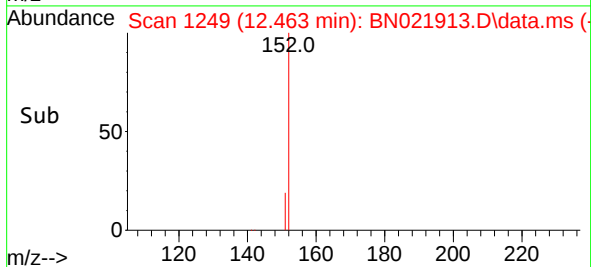
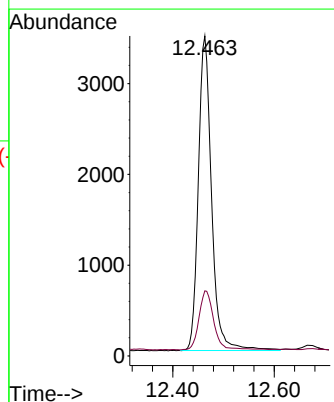
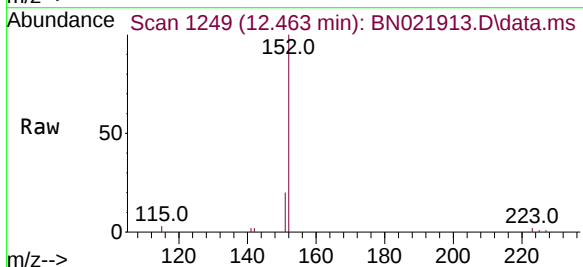
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-438-440

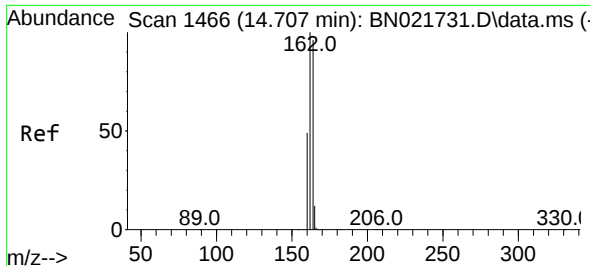
Tgt Ion: 82 Resp: 3160
 Ion Ratio Lower Upper
 82 100
 128 42.2 35.6 53.4
 54 50.6 37.8 56.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.269 ng
 RT: 12.463 min Scan# 1249
 Delta R.T. -0.011 min
 Lab File: BN021913.D
 Acq: 26 Sep 2022 11:44

Tgt Ion: 152 Resp: 9414
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.6 23.4

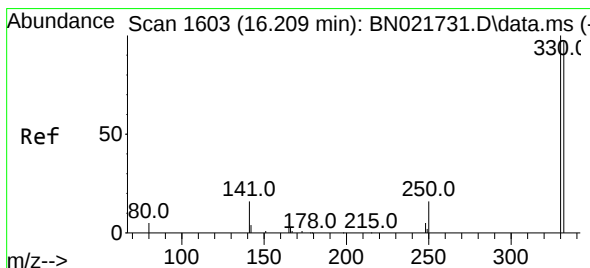
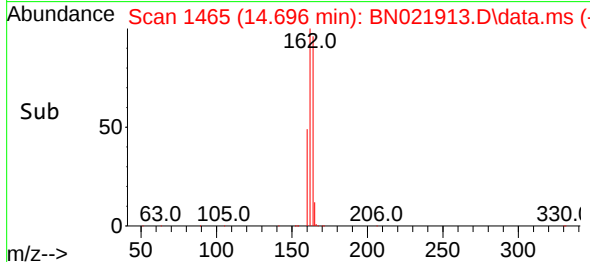
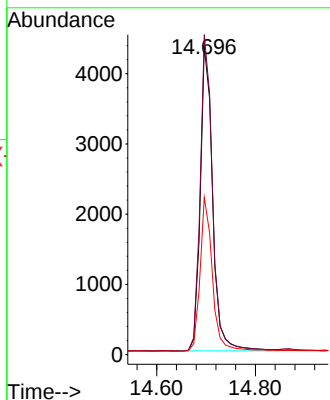
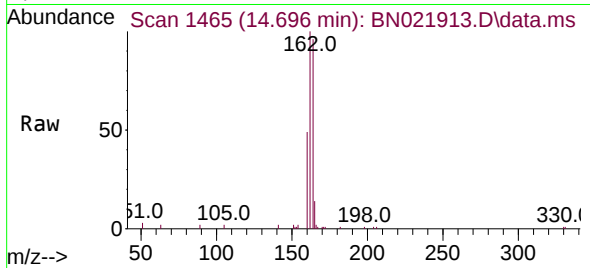




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.696 min Scan# 1465
 Delta R.T. -0.011 min
 Lab File: BN021913.D
 Acq: 26 Sep 2022 11:44

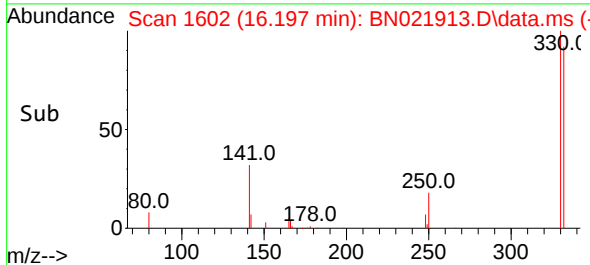
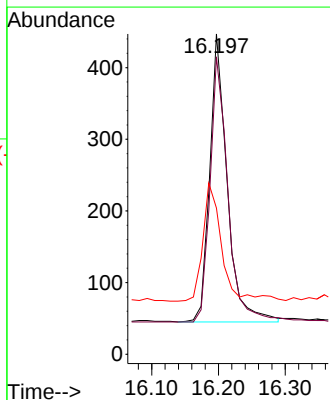
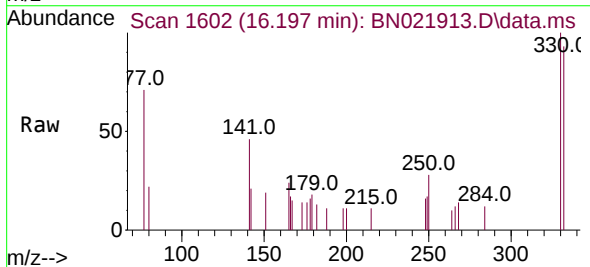
Instrument :
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 ClientSampleId :
 BP-VPB-RW5-GW-438-440

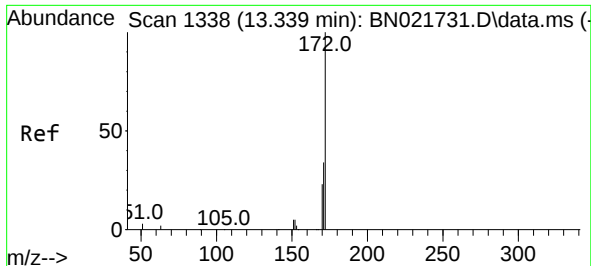
Tgt Ion:164 Resp: 7533
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.2 124.8
 160 51.0 40.9 61.3



#14
 2,4,6-Tribromophenol
 Concen: 0.212 ng
 RT: 16.197 min Scan# 1602
 Delta R.T. -0.012 min
 Lab File: BN021913.D
 Acq: 26 Sep 2022 11:44

Tgt Ion:330 Resp: 731
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.8 115.2
 141 44.5 37.2 55.8

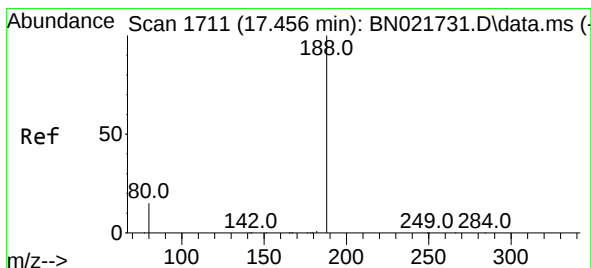
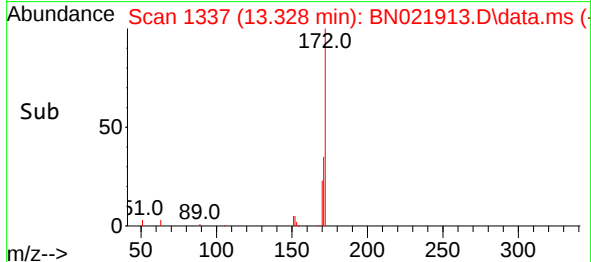
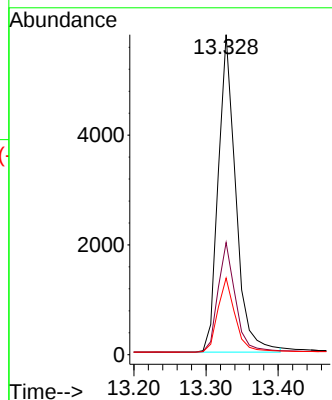
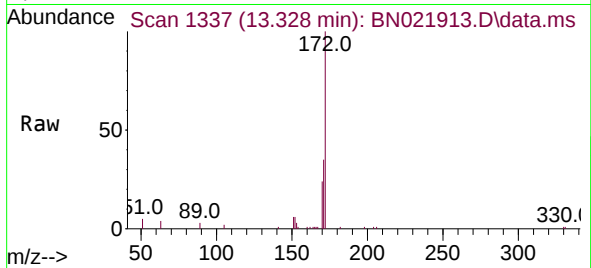




#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 13.328 min Scan# 1337
Delta R.T. -0.011 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

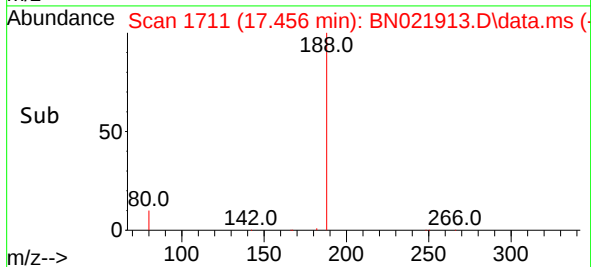
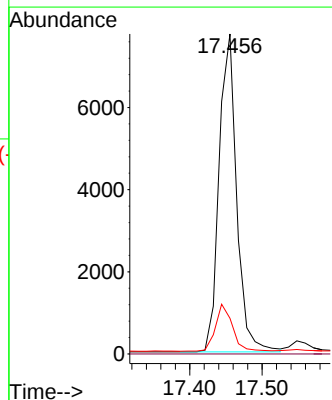
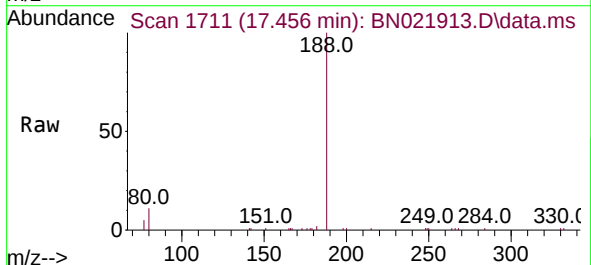
Instrument :
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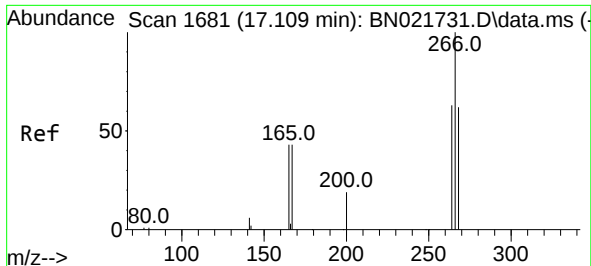
Tgt Ion:	172	Resp:	9765
Ion Ratio	Lower	Upper	
172	100		
171	35.1	27.7	41.5
170	23.9	18.8	28.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

Tgt Ion:	188	Resp:	13075
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.1	12.6	19.0

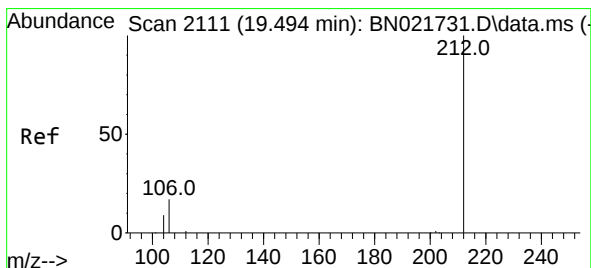
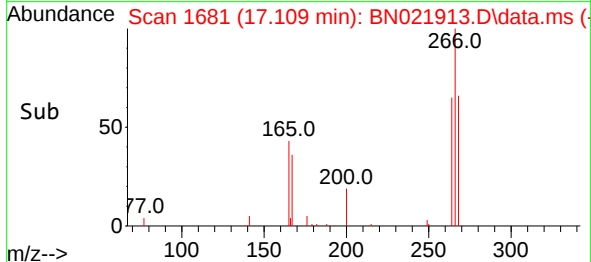
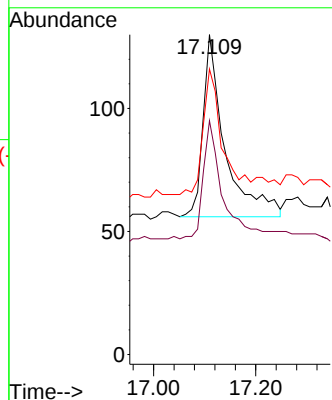
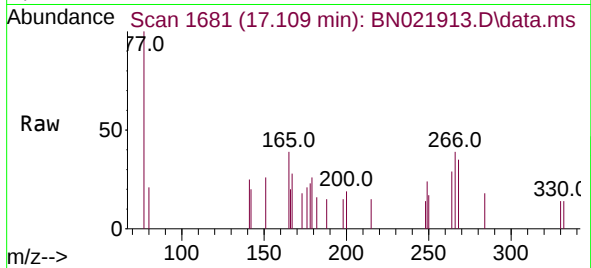




#24
 Pentachlorophenol
 Concen: 0.065 ng
 RT: 17.109 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BN021913.D
 Acq: 26 Sep 2022 11:44

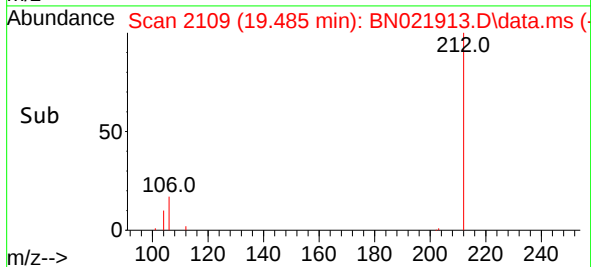
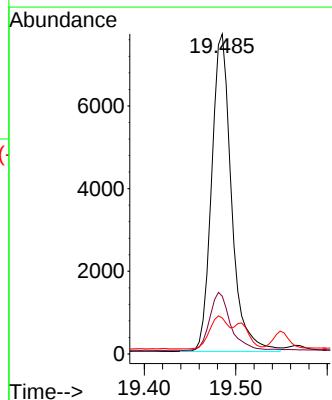
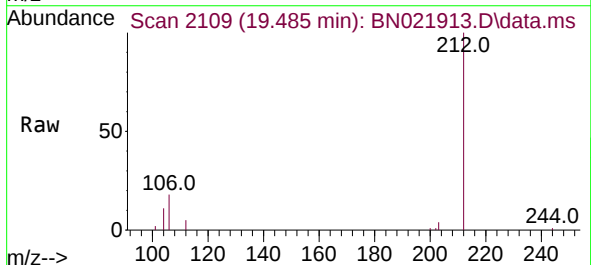
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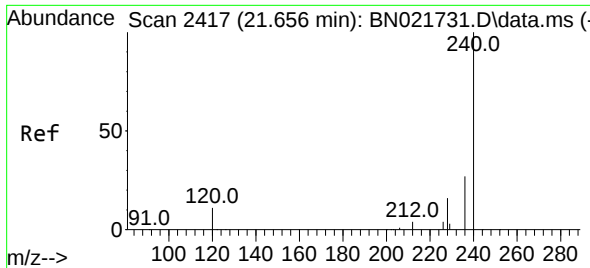
Tgt Ion:	266	Resp:	221
Ion	Ratio	Lower	Upper
266	100		
264	59.7	50.0	75.0
268	60.6	50.2	75.2



#27
 Fluoranthene-d10
 Concen: 0.328 ng
 RT: 19.485 min Scan# 2109
 Delta R.T. -0.009 min
 Lab File: BN021913.D
 Acq: 26 Sep 2022 11:44

Tgt Ion:	212	Resp:	11549
Ion	Ratio	Lower	Upper
212	100		
106	19.6	14.3	21.5
104	9.6	8.0	12.0

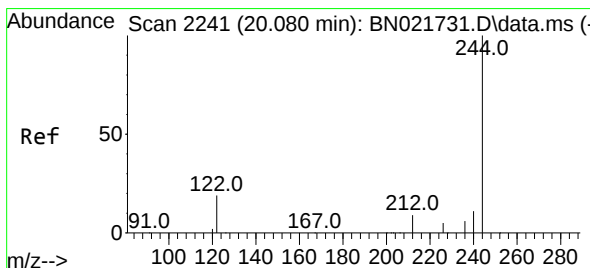
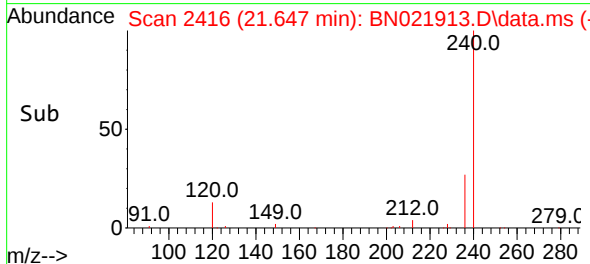
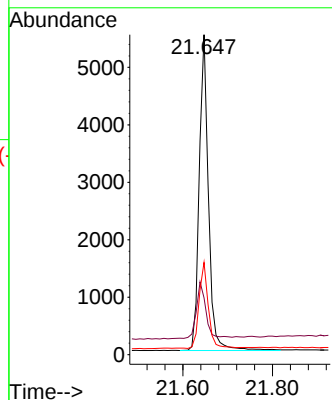
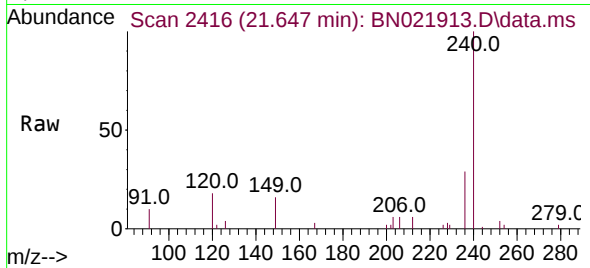




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2417
Delta R.T. -0.009 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

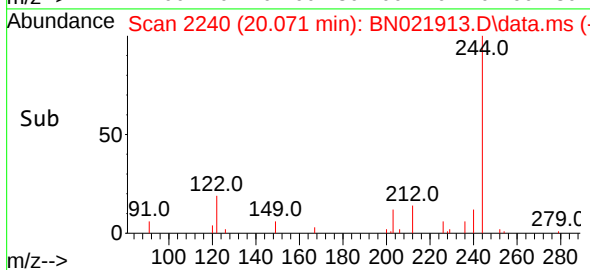
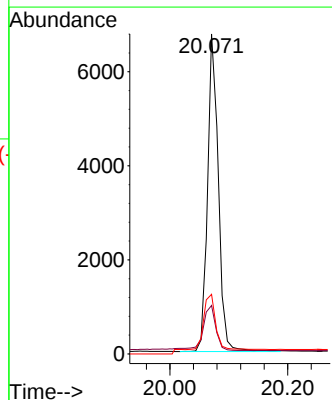
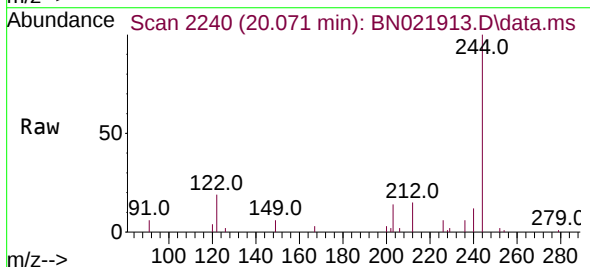
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440

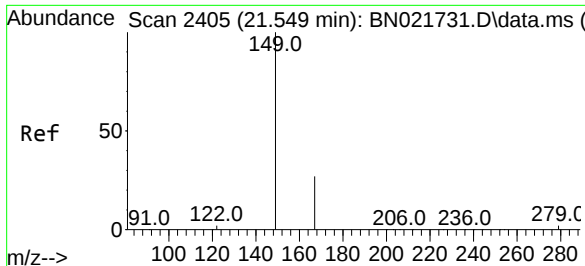
Tgt Ion:240 Resp: 7893
Ion Ratio Lower Upper
240 100
120 17.8 9.8 14.8#
236 28.9 22.2 33.4



#31
Terphenyl-d14
Concen: 0.475 ng
RT: 20.071 min Scan# 2240
Delta R.T. -0.009 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

Tgt Ion:244 Resp: 8577
Ion Ratio Lower Upper
244 100
212 15.2 7.9 11.9#
122 18.6 15.8 23.8

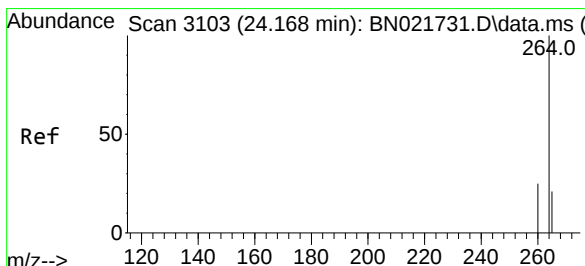
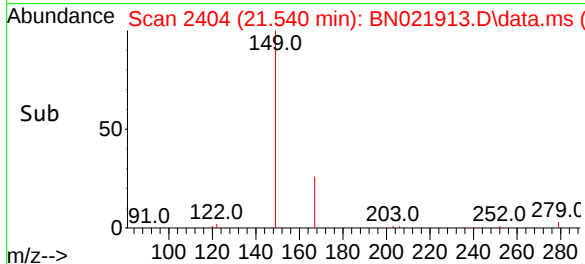
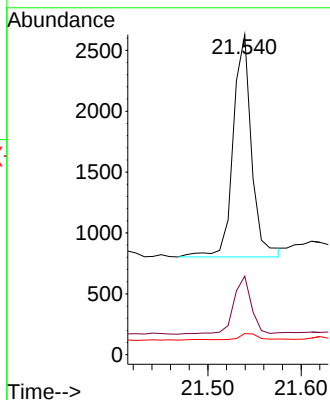
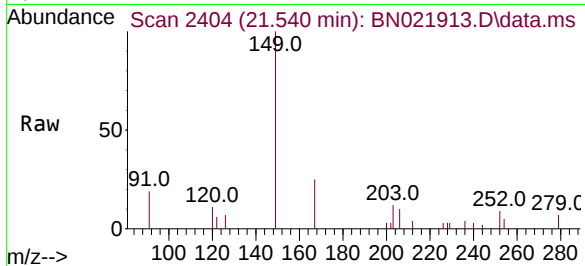




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.124 ng
 RT: 21.540 min Scan# 2404
 Delta R.T. -0.009 min
 Lab File: BN021913.D
 Acq: 26 Sep 2022 11:44

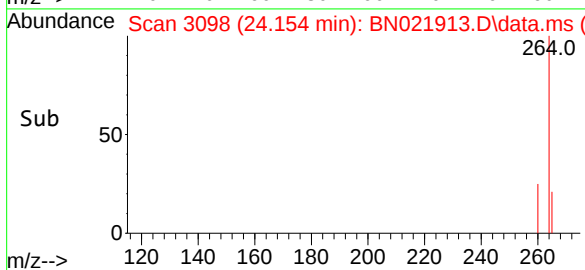
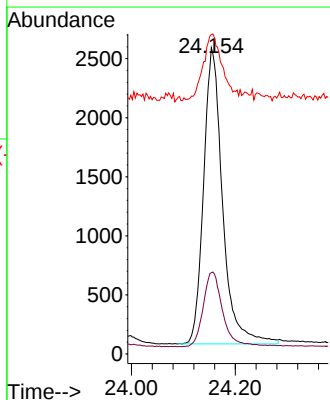
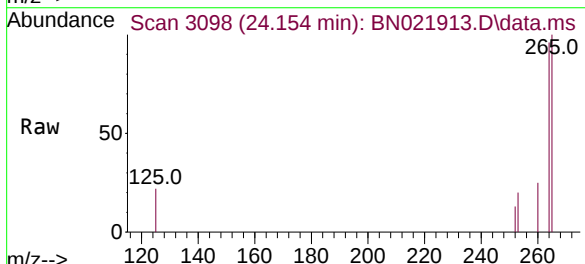
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-438-440

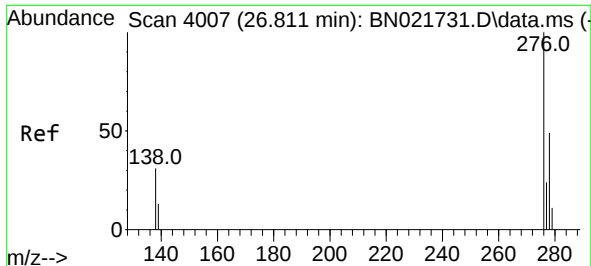
Tgt Ion:149 Resp: 2508
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.8 31.2
 279 3.0 2.1 3.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.154 min Scan# 3098
 Delta R.T. -0.015 min
 Lab File: BN021913.D
 Acq: 26 Sep 2022 11:44

Tgt Ion:264 Resp: 6368
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.6 31.0
 265 104.4 34.4 51.6#

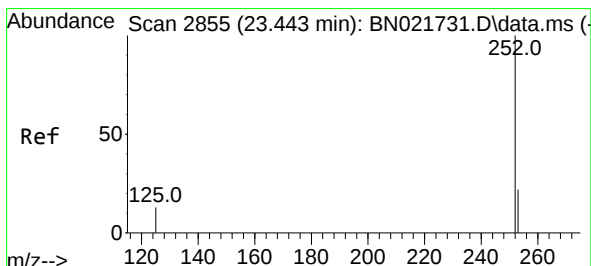
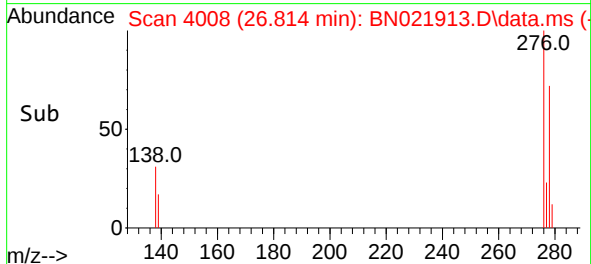
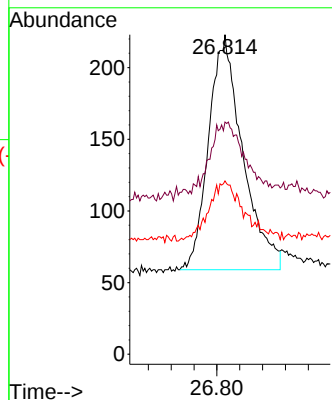
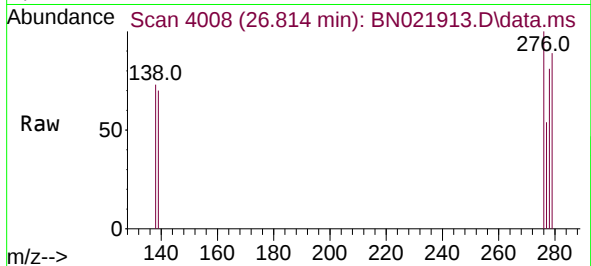




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.022 ng
 RT: 26.814 min Scan# 4007
 Delta R.T. 0.003 min
 Lab File: BN021913.D
 Acq: 26 Sep 2022 11:44

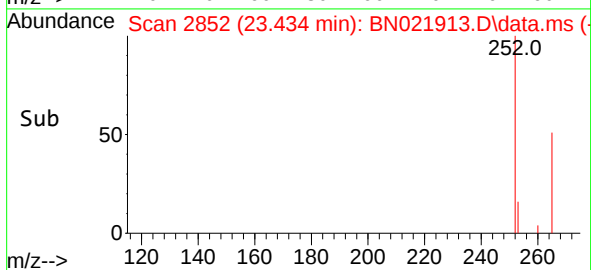
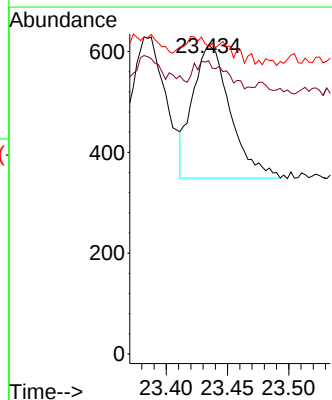
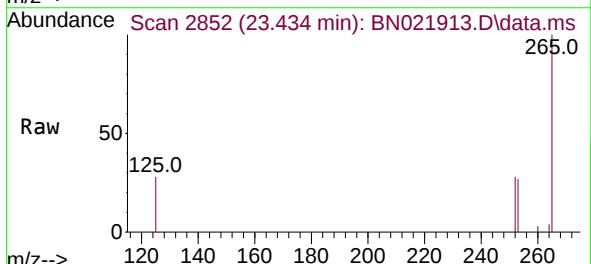
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-438-440

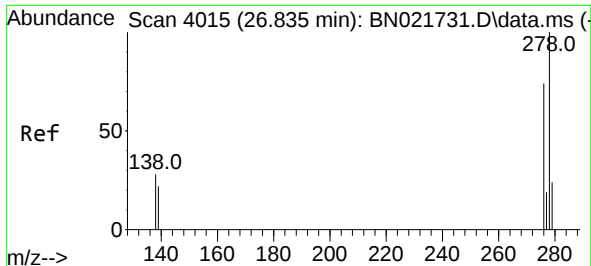
Tgt Ion:276 Resp: 677
 Ion Ratio Lower Upper
 276 100
 138 30.3 27.4 41.0
 277 18.2 19.8 29.6#



#38
 Benzo(k)fluoranthene
 Concen: 0.020 ng
 RT: 23.434 min Scan# 2852
 Delta R.T. -0.009 min
 Lab File: BN021913.D
 Acq: 26 Sep 2022 11:44

Tgt Ion:252 Resp: 566
 Ion Ratio Lower Upper
 252 100
 253 94.9 19.4 29.2#
 125 99.5 12.6 18.8#

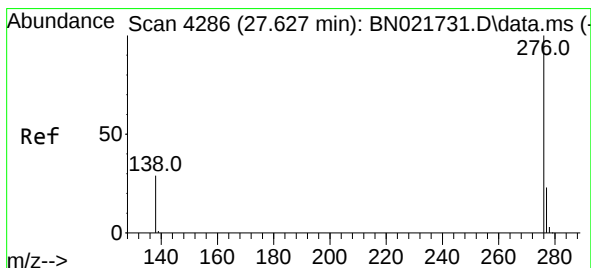
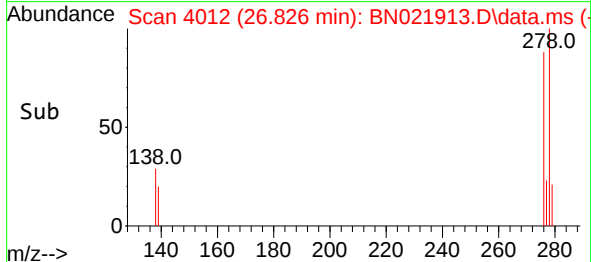
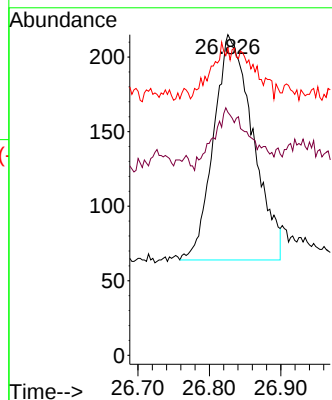
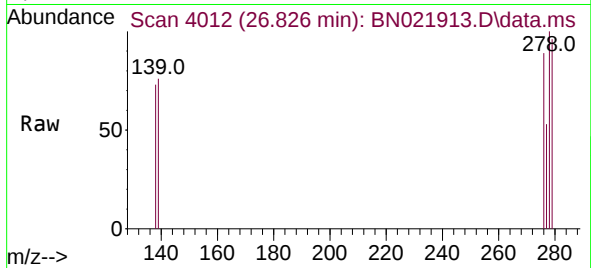




#40
Dibenzo(a,h)anthracene
Concen: 0.024 ng
RT: 26.826 min Scan# 4015
Delta R.T. -0.009 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-438-440

Tgt Ion:278 Resp: 577
Ion Ratio Lower Upper
278 100
139 75.8 19.2 28.8#
279 95.8 20.5 30.7#



#41
Benzo(g,h,i)perylene
Concen: 0.023 ng
RT: 27.618 min Scan# 4283
Delta R.T. -0.009 min
Lab File: BN021913.D
Acq: 26 Sep 2022 11:44

Tgt Ion:276 Resp: 567
Ion Ratio Lower Upper
276 100
277 58.8 19.2 28.8#
138 73.2 24.2 36.2#

