

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
 Data File : BN028421.D
 Acq On : 02 Nov 2023 14:59
 Operator : MA/JU
 Sample : 05173-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-150-152

Quant Time: Nov 02 15:30:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 06:26:50 2023
 Response via : Initial Calibration

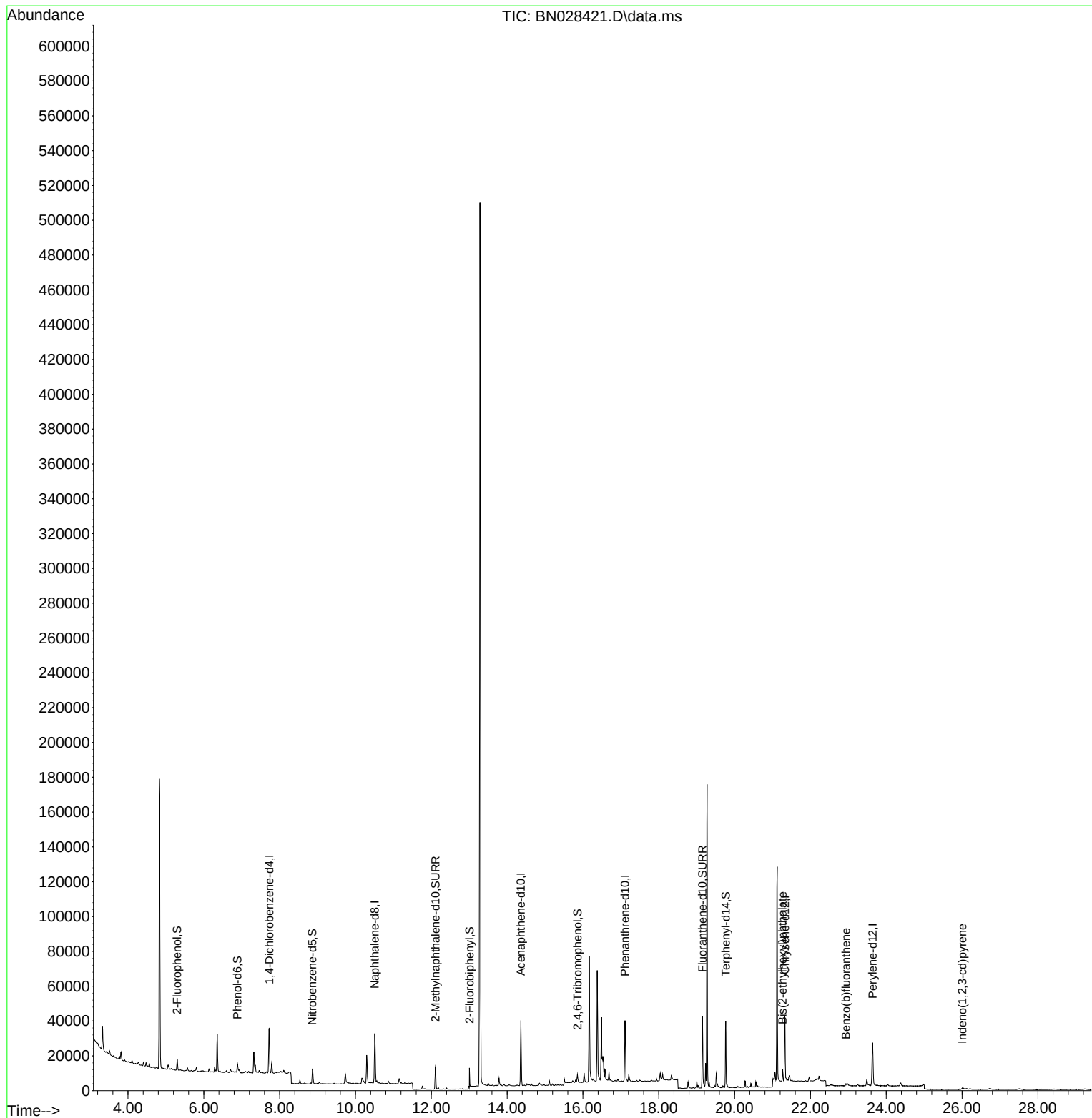
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	12110	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	36436	0.400	ng	0.00
13) Acenaphthene-d10	14.363	164	19833	0.400	ng	0.00
19) Phenanthrene-d10	17.108	188	44166	0.400	ng	#-0.01
29) Chrysene-d12	21.328	240	35681	0.400	ng	# 0.00
35) Perylene-d12	23.640	264	33980	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	4965	0.157	ng	0.00
5) Phenol-d6	6.887	99	4230	0.106	ng	0.00
8) Nitrobenzene-d5	8.865	82	6676	0.283	ng	-0.01
11) 2-Methylnaphthalene-d10	12.110	152	15350	0.295	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	2520	0.326	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	4485	0.190	ng	0.00
27) Fluoranthene-d10	19.152	212	43007	0.394	ng	0.00
31) Terphenyl-d14	19.765	244	34230	0.456	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.265	149	6479	0.089	ng	99
36) Indeno(1,2,3-cd)pyrene	26.008	276	1419	0.058	ng	95
37) Benzo(b)fluoranthene	22.938	252	1733	0.080	ng	# 27

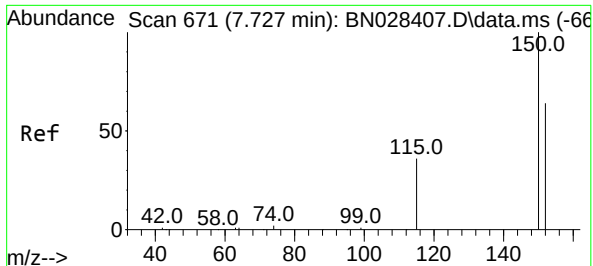
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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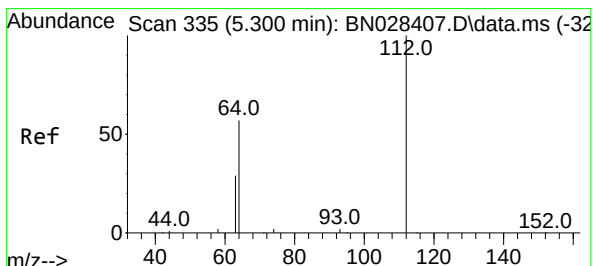
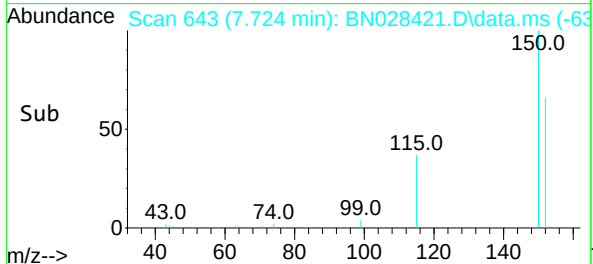
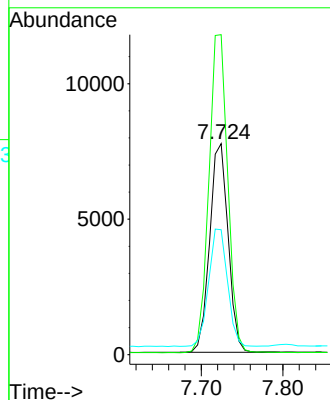
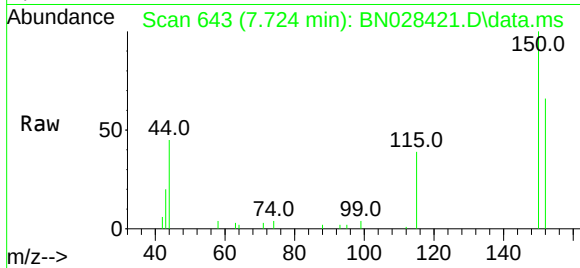




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. -0.003 min
 Lab File: BN028421.D
 Acq: 02 Nov 2023 14:59

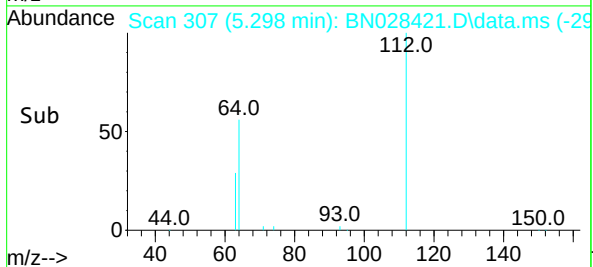
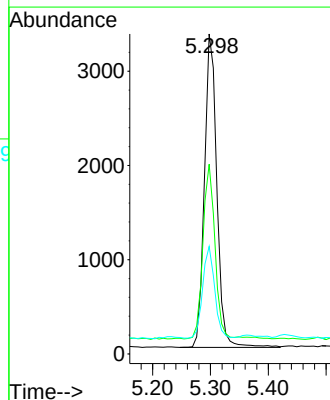
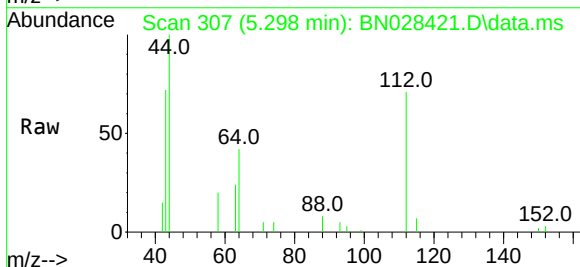
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-188-GW-150-152

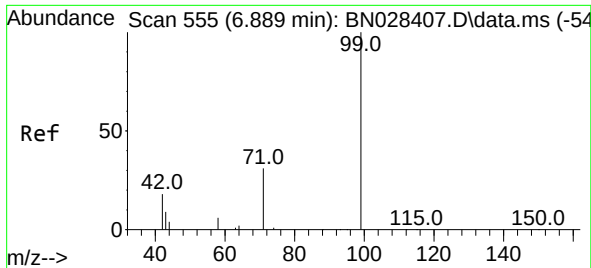
Tgt Ion:152 Resp: 12110
 Ion Ratio Lower Upper
 152 100
 150 151.6 123.8 185.6
 115 59.2 47.0 70.6



#4
 2-Fluorophenol
 Concen: 0.157 ng
 RT: 5.298 min Scan# 307
 Delta R.T. -0.002 min
 Lab File: BN028421.D
 Acq: 02 Nov 2023 14:59

Tgt Ion:112 Resp: 4965
 Ion Ratio Lower Upper
 112 100
 64 53.9 44.3 66.5
 63 28.3 22.6 33.8

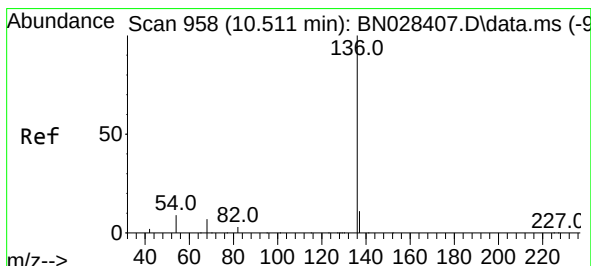
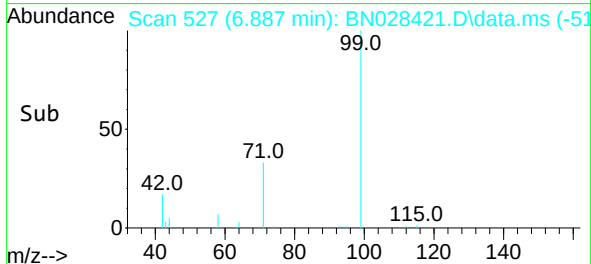
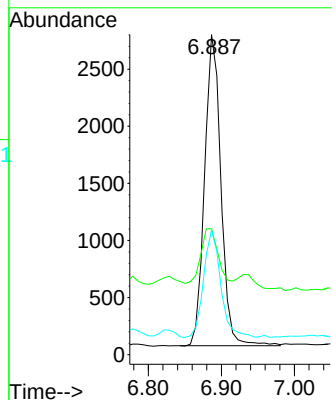
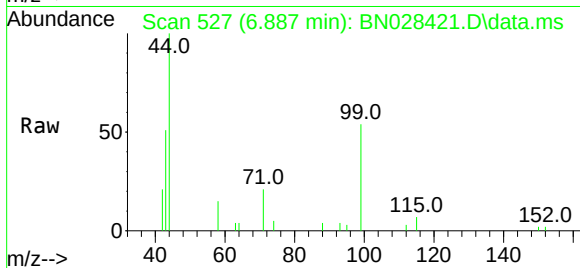




#5
Phenol-d6
Concen: 0.106 ng
RT: 6.887 min Scan# 51
Delta R.T. -0.002 min
Lab File: BN028421.D
Acq: 02 Nov 2023 14:59

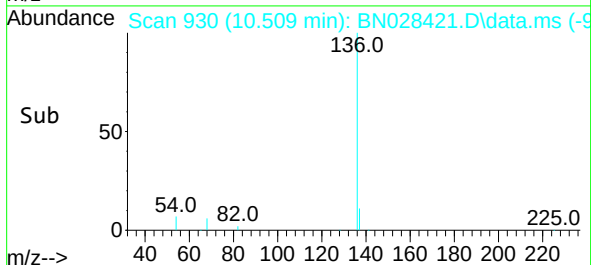
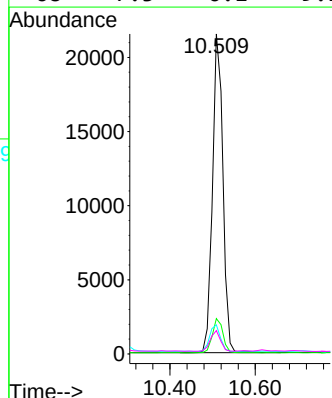
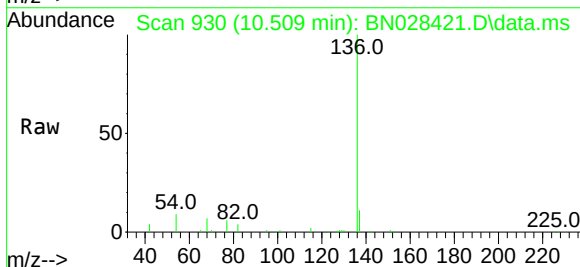
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-150-152

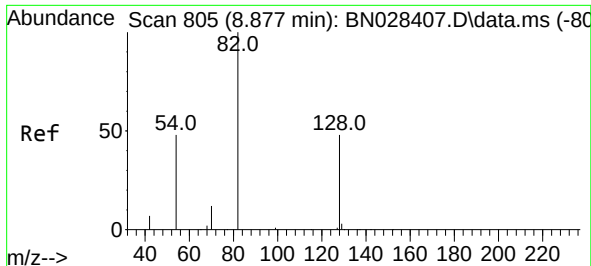
Tgt Ion: 99 Resp: 4230
Ion Ratio Lower Upper
99 100
42 20.5 15.4 23.0
71 36.1 24.4 36.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.002 min
Lab File: BN028421.D
Acq: 02 Nov 2023 14:59

Tgt Ion: 136 Resp: 36436
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.1 7.9 11.9
68 7.3 6.1 9.1

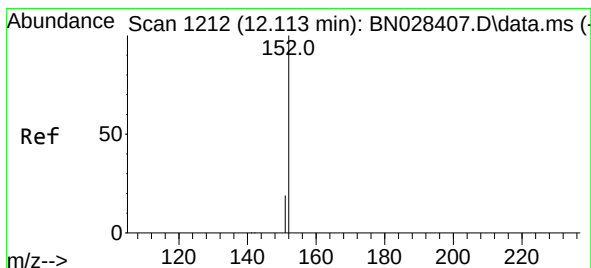
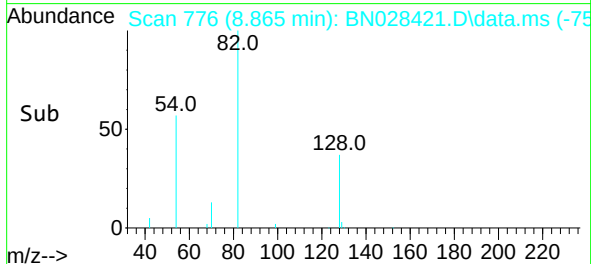
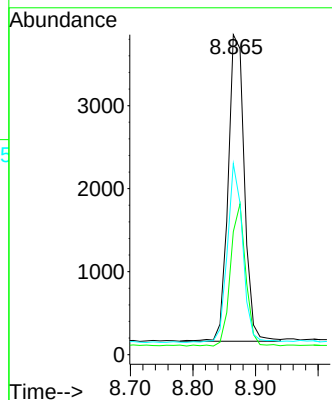
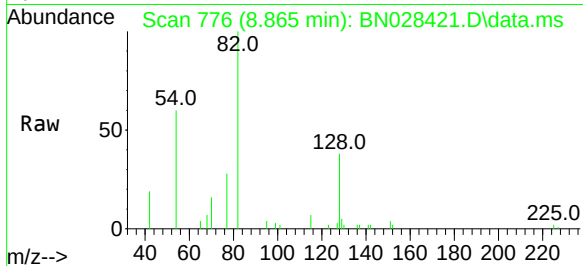




#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.865 min Scan# 71
Delta R.T. -0.013 min
Lab File: BN028421.D
Acq: 02 Nov 2023 14:59

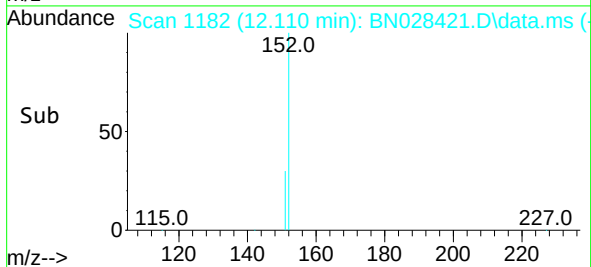
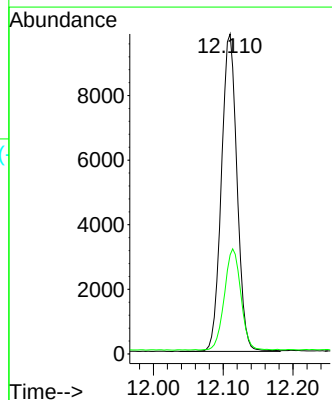
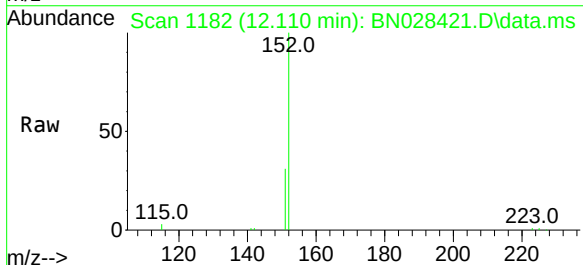
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-150-152

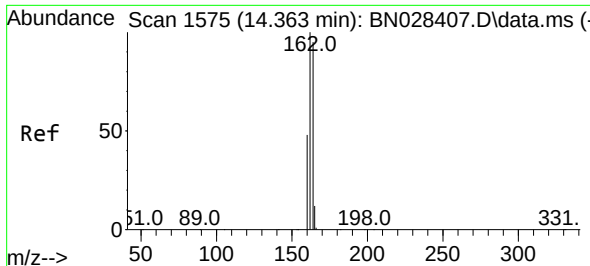
Tgt Ion: 82 Resp: 6676
Ion Ratio Lower Upper
82 100
128 38.5 38.8 58.2#
54 59.7 40.3 60.5



#11
2-Methylnaphthalene-d10
Concen: 0.295 ng
RT: 12.110 min Scan# 1182
Delta R.T. -0.003 min
Lab File: BN028421.D
Acq: 02 Nov 2023 14:59

Tgt Ion: 152 Resp: 15350
Ion Ratio Lower Upper
152 100
151 33.4 16.4 24.6#

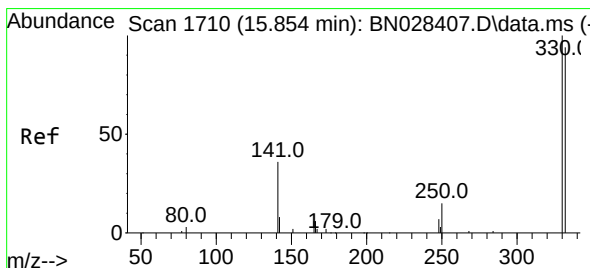
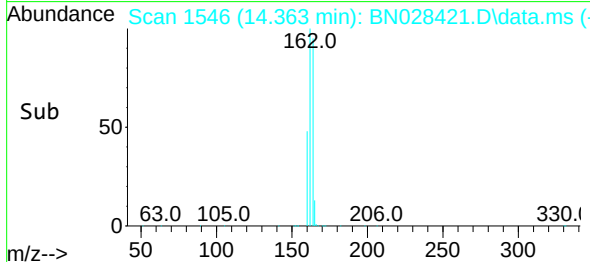
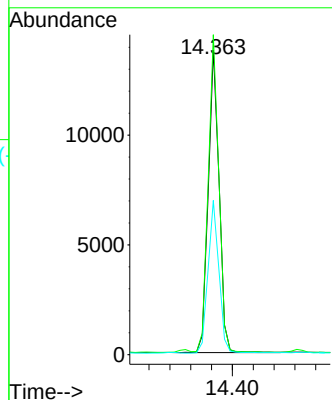
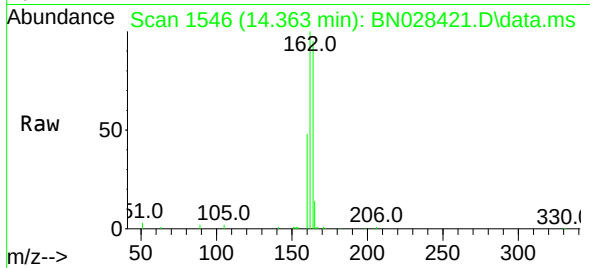




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.363 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN028421.D
Acq: 02 Nov 2023 14:59

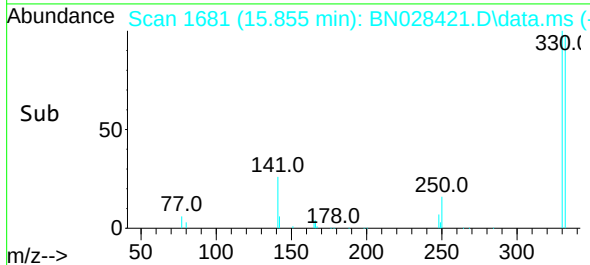
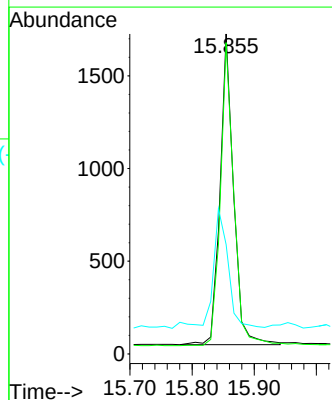
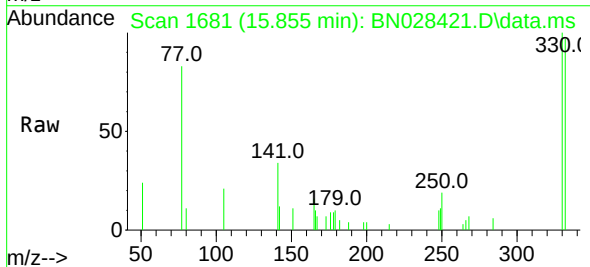
Instrument :
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BP-VPB-188-GW-150-152

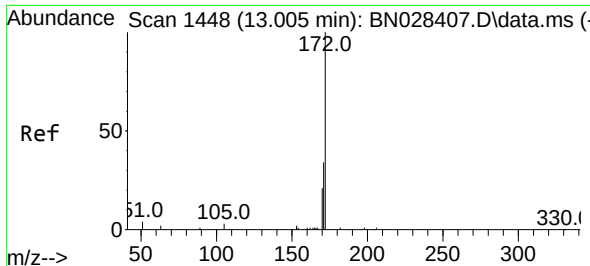
Tgt Ion:164 Resp: 19833
Ion Ratio Lower Upper
164 100
162 105.1 84.6 127.0
160 50.6 41.3 61.9



#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 15.855 min Scan# 1681
Delta R.T. 0.001 min
Lab File: BN028421.D
Acq: 02 Nov 2023 14:59

Tgt Ion:330 Resp: 2520
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.2
141 40.0 32.8 49.2

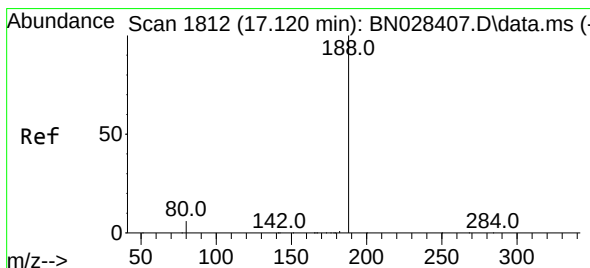
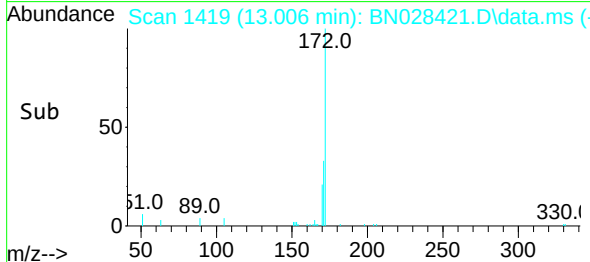
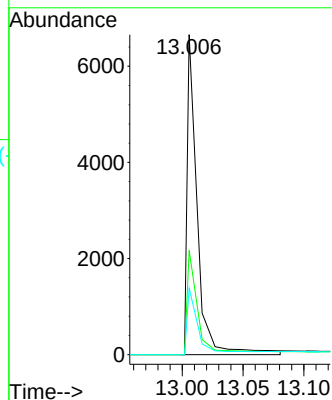
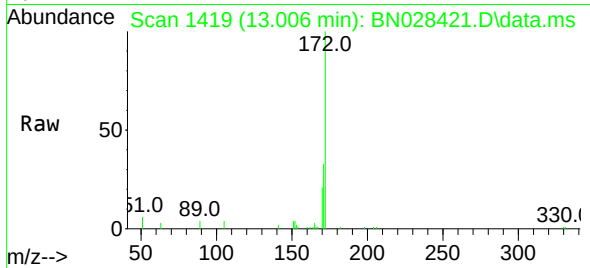




#15
2-Fluorobiphenyl
Concen: 0.190 ng
RT: 13.006 min Scan# 1448
Delta R.T. 0.001 min
Lab File: BN028421.D
Acq: 02 Nov 2023 14:59

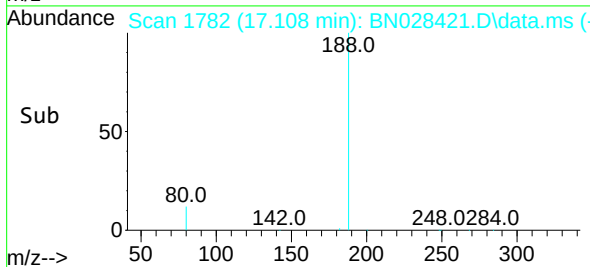
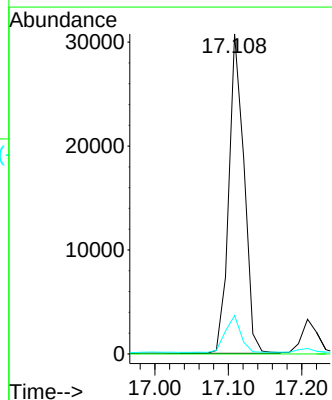
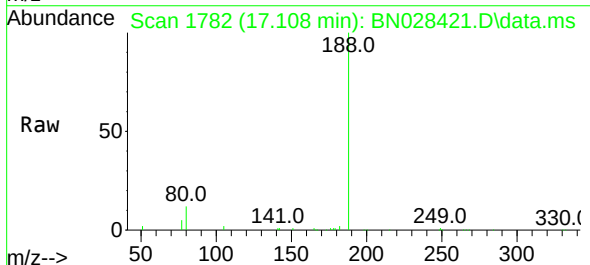
Instrument :
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ClientSampleId :
BP-VPB-188-GW-150-152

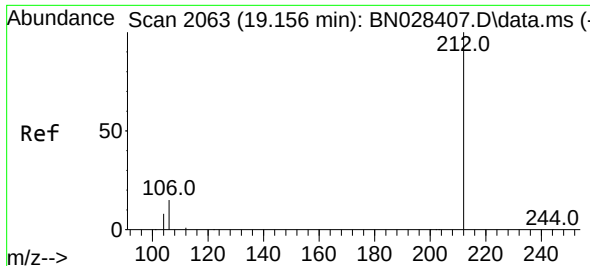
Tgt Ion:172 Resp: 4485
Ion Ratio Lower Upper
172 100
171 32.6 27.2 40.8
170 20.8 17.1 25.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.108 min Scan# 1782
Delta R.T. -0.012 min
Lab File: BN028421.D
Acq: 02 Nov 2023 14:59

Tgt Ion:188 Resp: 44166
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 5.3 7.9#

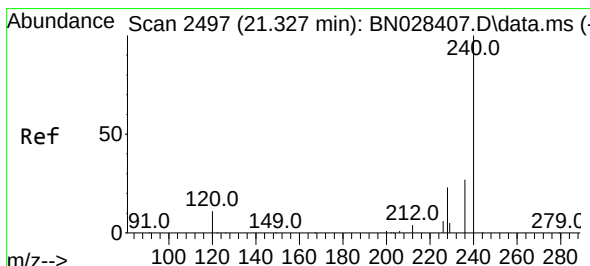
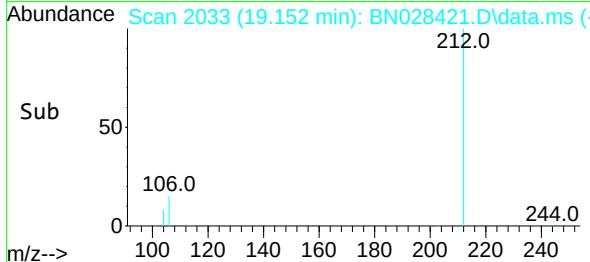
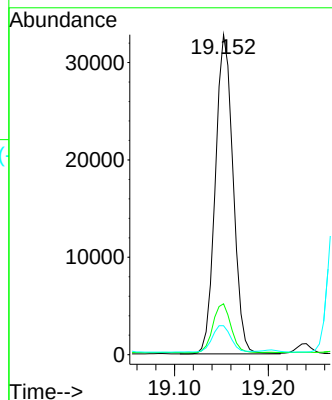
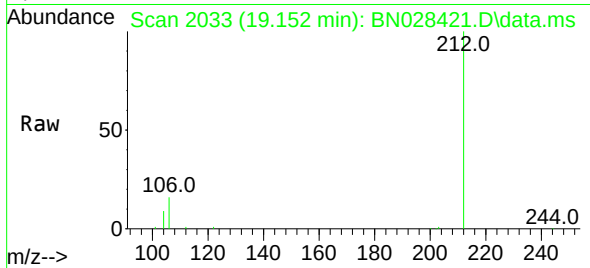




#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.152 min Scan# 2063
Delta R.T. -0.004 min
Lab File: BN028421.D
Acq: 02 Nov 2023 14:59

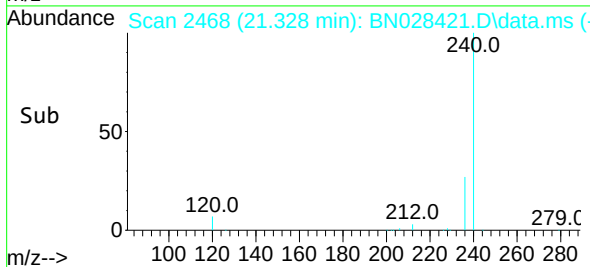
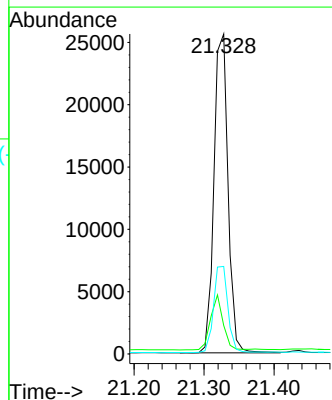
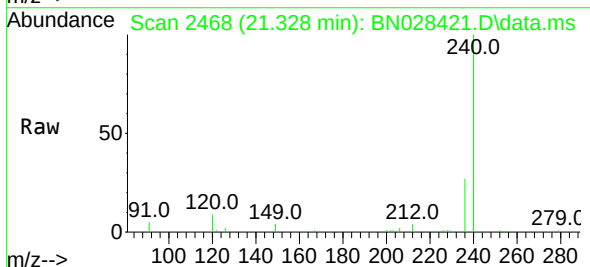
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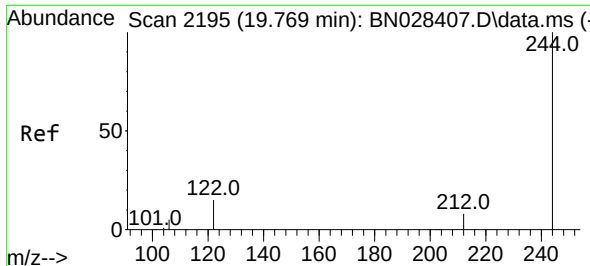
Tgt Ion:212 Resp: 43007
Ion Ratio Lower Upper
212 100
106 15.6 11.9 17.9
104 8.9 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.328 min Scan# 2468
Delta R.T. 0.001 min
Lab File: BN028421.D
Acq: 02 Nov 2023 14:59

Tgt Ion:240 Resp: 35681
Ion Ratio Lower Upper
240 100
120 8.9 9.8 14.6#
236 27.3 22.2 33.2

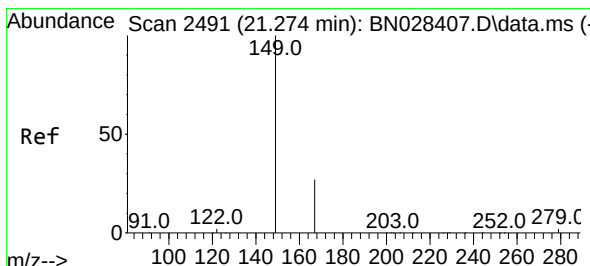
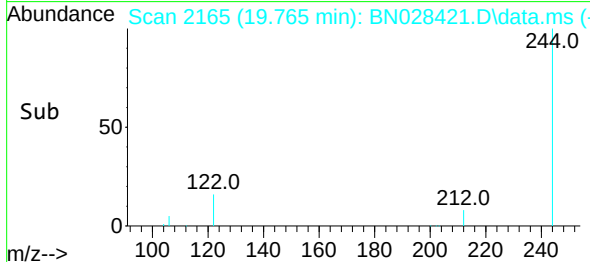
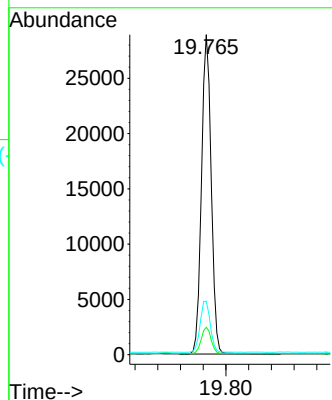
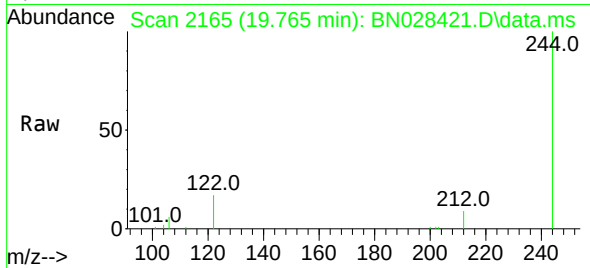




#31
 Terphenyl-d14
 Concen: 0.456 ng
 RT: 19.765 min Scan# 2195
 Delta R.T. -0.004 min
 Lab File: BN028421.D
 Acq: 02 Nov 2023 14:59

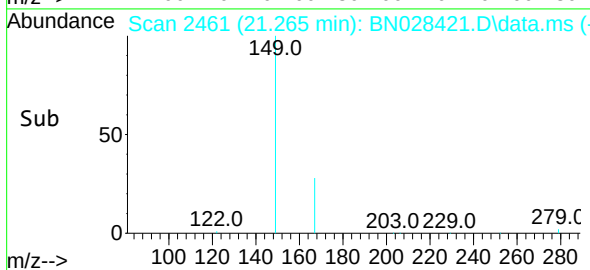
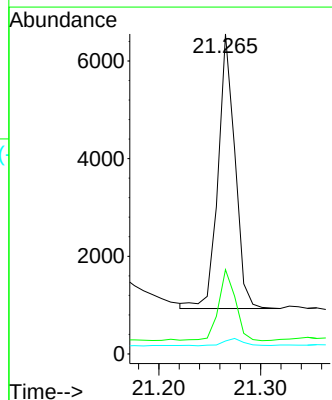
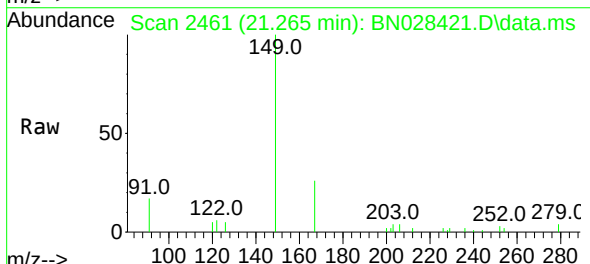
Instrument :
 BNA_N
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 BP-VPB-188-GW-150-152

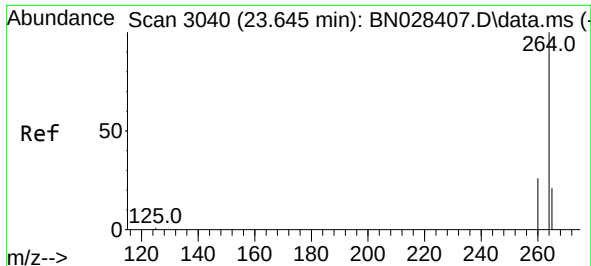
Tgt Ion:244 Resp: 34230
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 16.7 12.6 19.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.089 ng
 RT: 21.265 min Scan# 2461
 Delta R.T. -0.009 min
 Lab File: BN028421.D
 Acq: 02 Nov 2023 14:59

Tgt Ion:149 Resp: 6479
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.4 32.0
 279 3.2 2.3 3.5

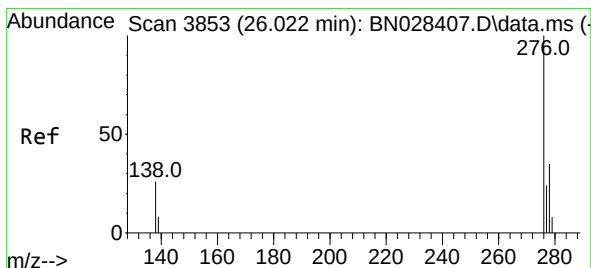
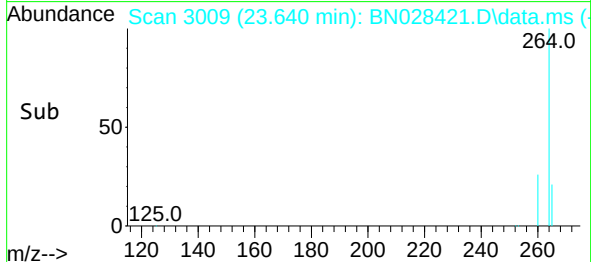
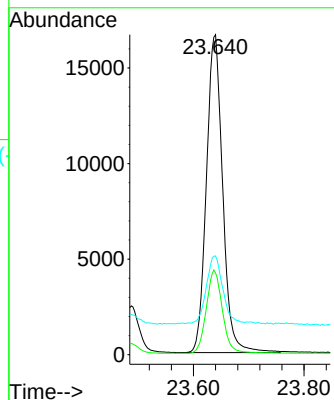
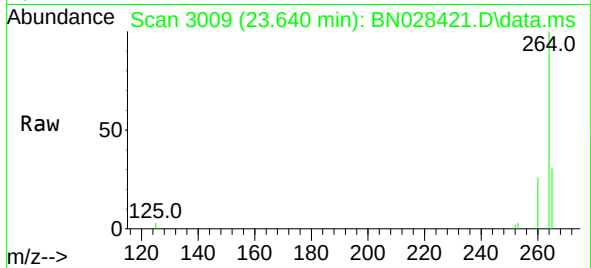




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.640 min Scan# 3040
Delta R.T. -0.005 min
Lab File: BN028421.D
Acq: 02 Nov 2023 14:59

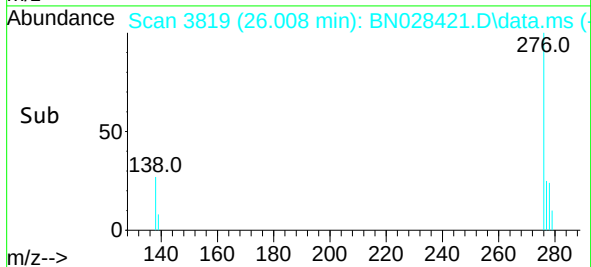
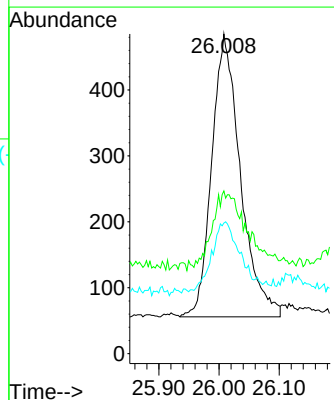
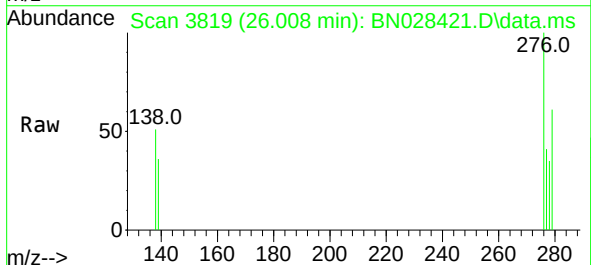
Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-150-152

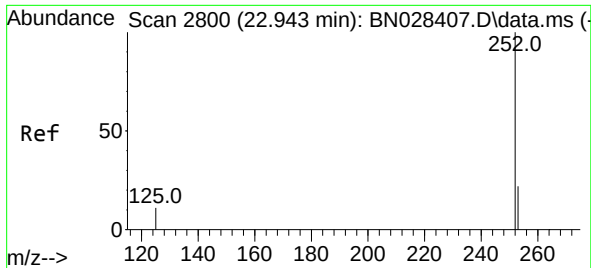
Tgt Ion:264	Resp:	33980
Ion Ratio	Lower	Upper
264	100	
260	25.5	20.8 31.2
265	30.9	21.7 32.5



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.058 ng
RT: 26.008 min Scan# 3819
Delta R.T. -0.014 min
Lab File: BN028421.D
Acq: 02 Nov 2023 14:59

Tgt Ion:276	Resp:	1419
Ion Ratio	Lower	Upper
276	100	
138	26.6	24.1 36.1
277	23.5	19.7 29.5





#37

Benzo(b)fluoranthene

Concen: 0.080 ng

RT: 22.938 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN028421.D

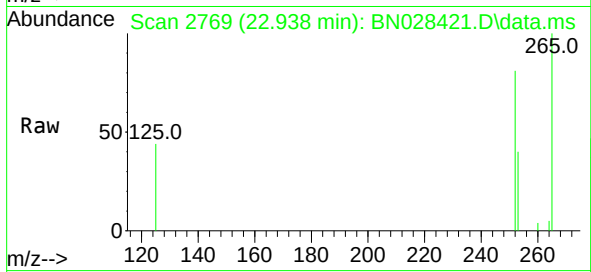
Acq: 02 Nov 2023 14:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB-188-GW-150-152



Tgt Ion:252 Resp: 1733

Ion Ratio Lower Upper

252 100

253 49.1 18.2 27.4#

125 54.0 10.0 15.0#

