

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029960.D
 Acq On : 23 Feb 2024 17:16
 Operator : MA/JU
 Sample : P1506-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-GW-840-842

Quant Time: Feb 23 17:43:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

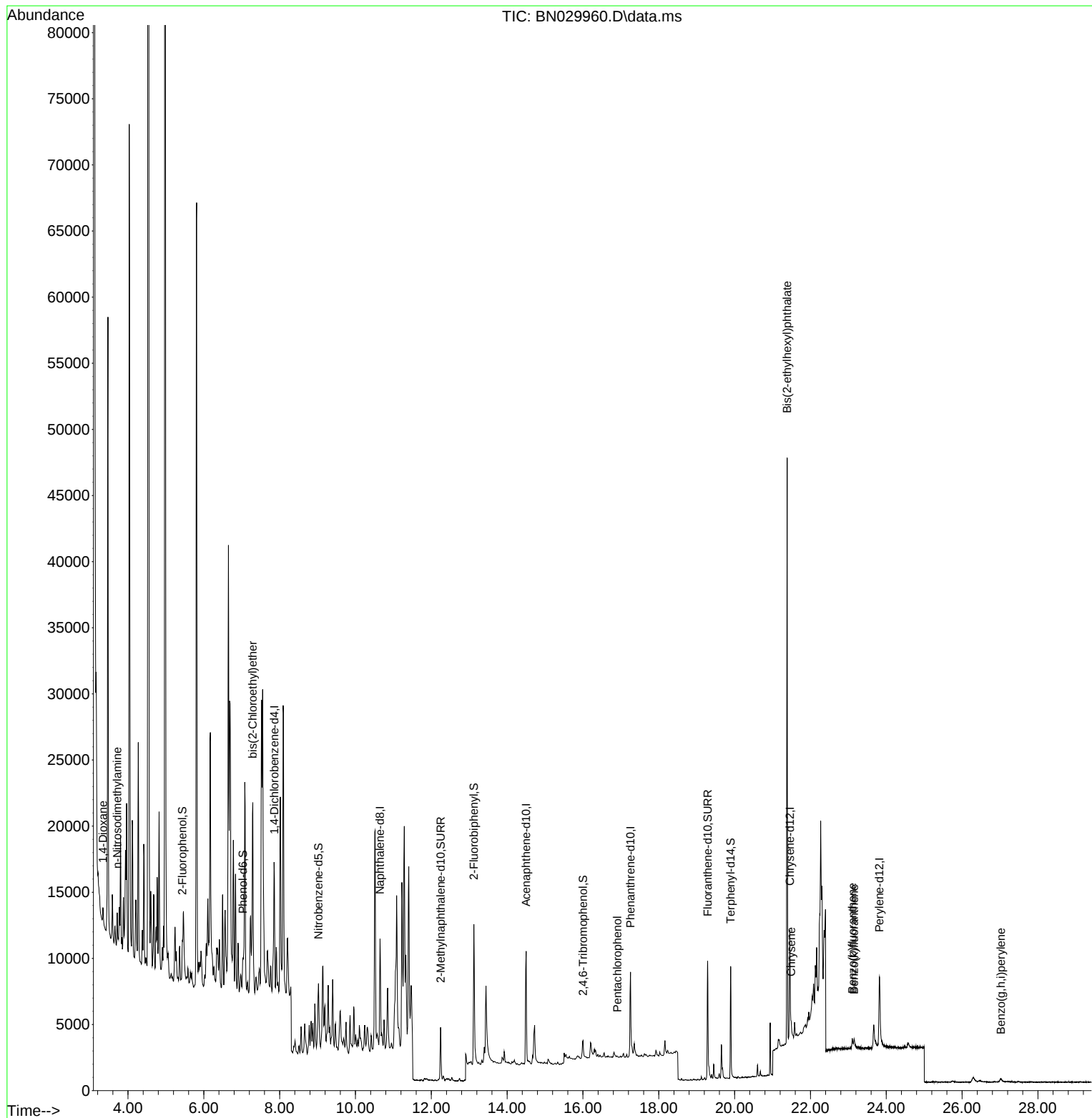
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	4521	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	11554	0.400	ng	#-0.02
13) Acenaphthene-d10	14.500	164	5595	0.400	ng	-0.01
19) Phenanthrene-d10	17.255	188	10242	0.400	ng	0.00
29) Chrysene-d12	21.456	240	9408	0.400	ng	# 0.00
35) Perylene-d12	23.820	264	9120	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	2192	0.202	ng	0.00
5) Phenol-d6	7.031	99	1980	0.158	ng	0.00
8) Nitrobenzene-d5	9.025	82	4095	0.426	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	5644	0.359	ng	-0.01
14) 2,4,6-Tribromophenol	16.002	330	922	0.514	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	9114	0.379	ng	-0.01
27) Fluoranthene-d10	19.289	212	11091	0.447	ng	0.00
31) Terphenyl-d14	19.898	244	9132	0.391	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	279	0.044	ng	# 1
3) n-Nitrosodimethylamine	3.716	42	631	0.122	ng	# 1
6) bis(2-Chloroethyl)ether	7.291	93	425	0.036	ng	# 19
24) Pentachlorophenol	16.908	266	69	0.029	ng	# 72
33) Chrysene	21.492	228	813	0.022	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.384	149	37207	1.699	ng	98
37) Benzo(b)fluoranthene	23.104	252	1097	0.034	ng	# 1
38) Benzo(k)fluoranthene	23.151	252	930	0.027	ng	# 1
41) Benzo(g,h,i)perylene	27.025	276	735	0.021	ng	# 36

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

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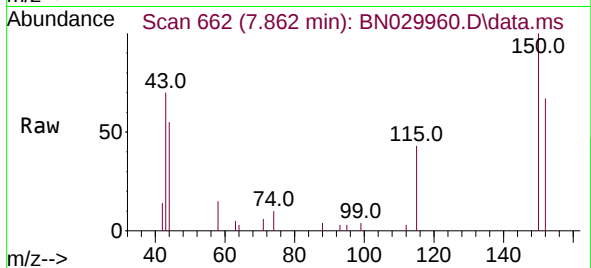
Quant Time: Feb 23 17:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
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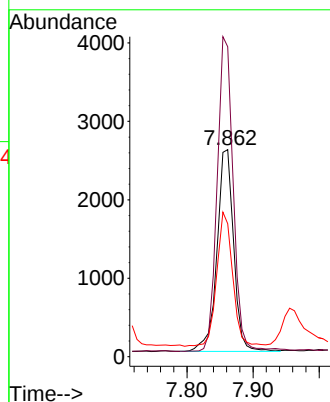
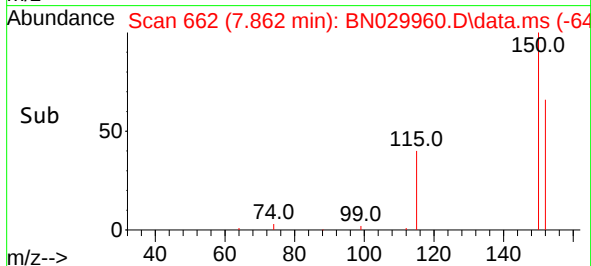


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.862 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN029960.D
 Acq: 23 Feb 2024 17:16

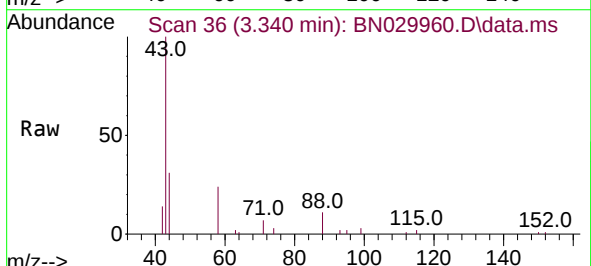
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-GW-840-842



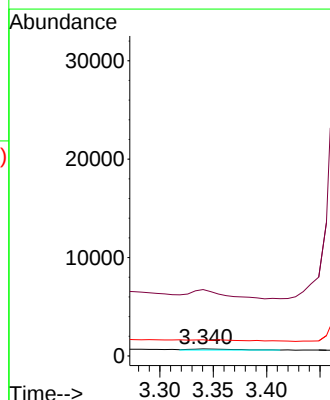
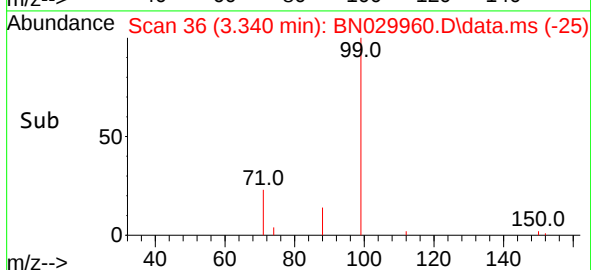
Tgt Ion:152 Resp: 4521
 Ion Ratio Lower Upper
 152 100
 150 149.7 123.0 184.4
 115 64.2 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.044 ng
 RT: 3.340 min Scan# 36
 Delta R.T. -0.022 min
 Lab File: BN029960.D
 Acq: 23 Feb 2024 17:16



Tgt Ion: 88 Resp: 279
 Ion Ratio Lower Upper
 88 100
 43 676.0 23.3 34.9#
 58 0.0 53.8 80.6#

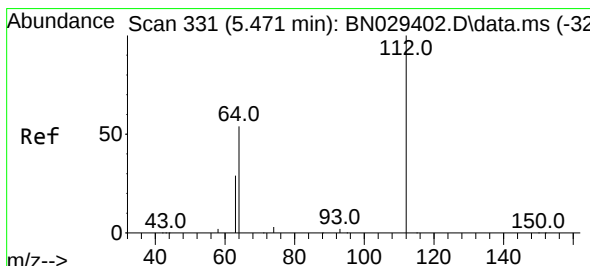
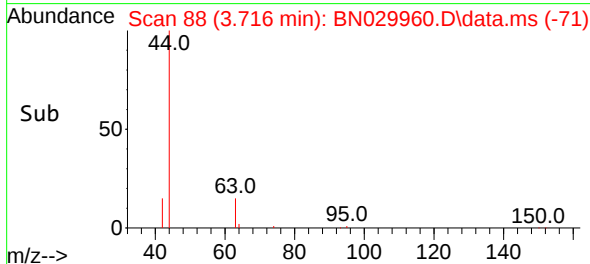
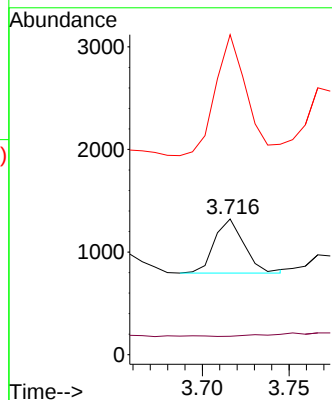
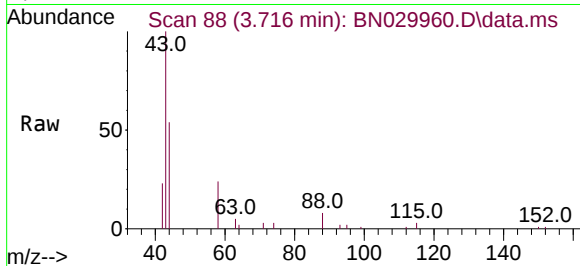




#3
n-Nitrosodimethylamine
Concen: 0.122 ng
RT: 3.716 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN029960.D
Acq: 23 Feb 2024 17:16

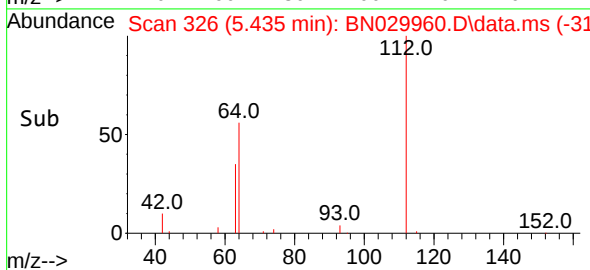
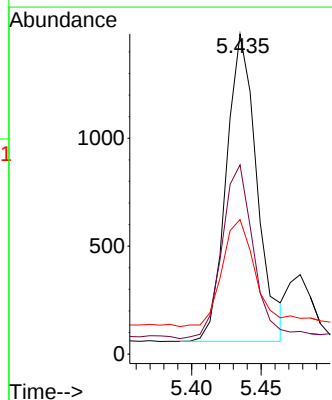
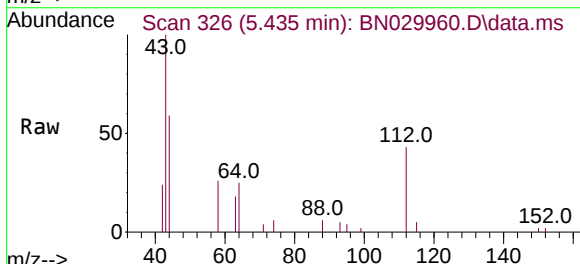
Instrument :
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Tgt Ion: 42 Resp: 631
Ion Ratio Lower Upper
42 100
74 0.0 93.7 140.5#
44 237.7 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.202 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.007 min
Lab File: BN029960.D
Acq: 23 Feb 2024 17:16

Tgt Ion: 112 Resp: 2192
Ion Ratio Lower Upper
112 100
64 60.1 47.2 70.8
63 42.0 25.8 38.6#

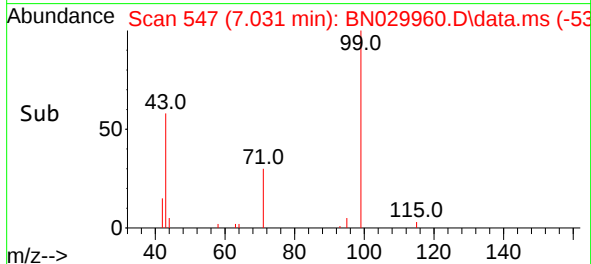
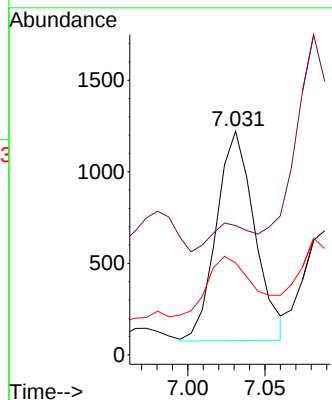
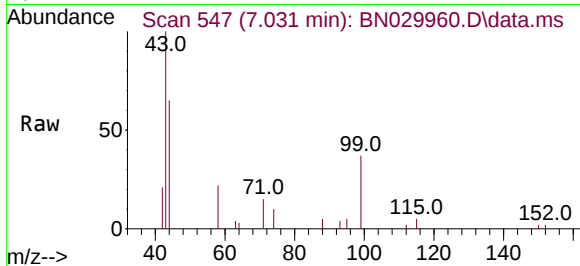




#5
Phenol-d6
Concen: 0.158 ng
RT: 7.031 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029960.D
Acq: 23 Feb 2024 17:16

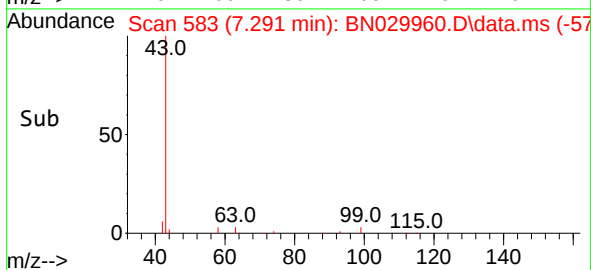
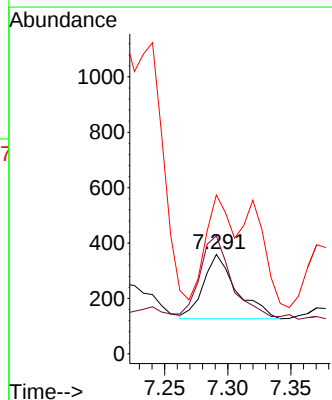
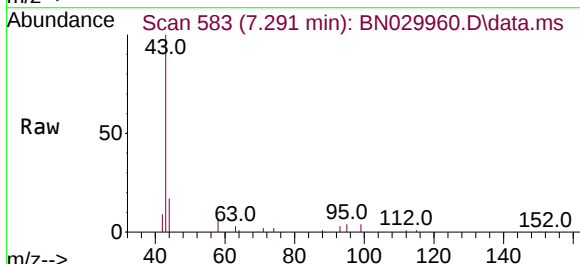
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-840-842

Tgt Ion: 99 Resp: 1980
Ion Ratio Lower Upper
99 100
42 16.5 16.9 25.3#
71 39.8 30.0 45.0



#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.291 min Scan# 583
Delta R.T. -0.015 min
Lab File: BN029960.D
Acq: 23 Feb 2024 17:16

Tgt Ion: 93 Resp: 425
Ion Ratio Lower Upper
93 100
63 119.5 63.1 94.7#
95 126.6 27.1 40.7#

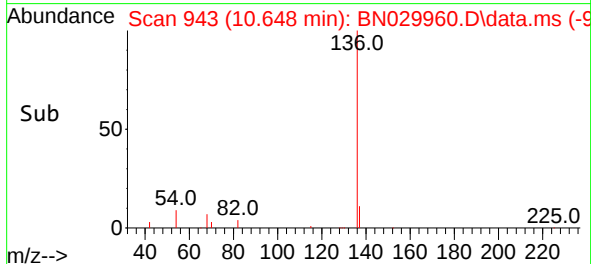
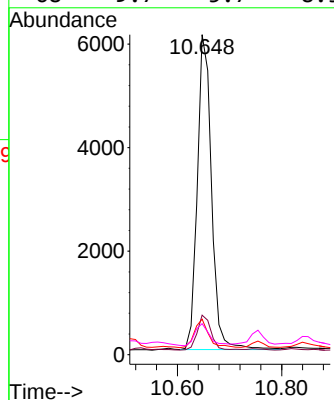
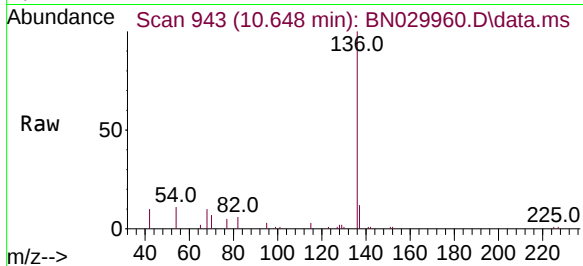




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 948
Delta R.T. -0.021 min
Lab File: BN029960.D
Acq: 23 Feb 2024 17:16

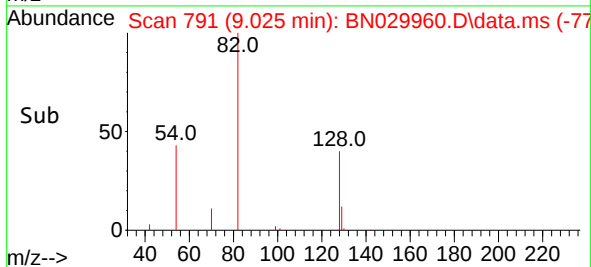
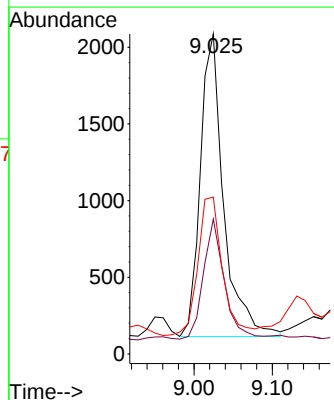
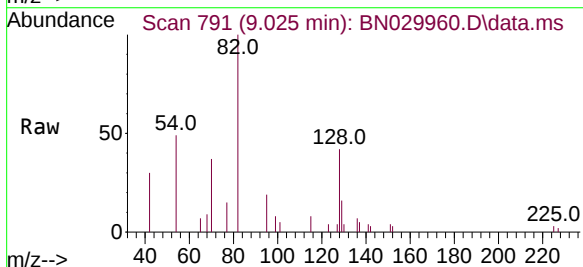
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-840-842

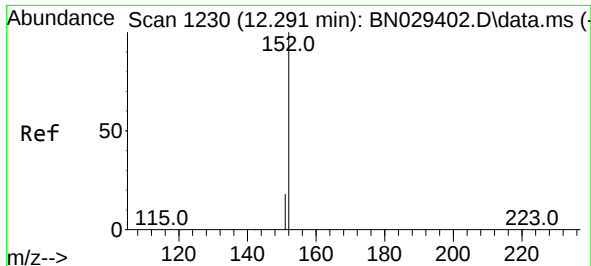
Tgt Ion:	136	Resp:	11554
Ion Ratio	Lower	Upper	
136	100		
137	12.4	9.7	14.5
54	11.1	6.6	10.0#
68	9.7	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.426 ng
RT: 9.025 min Scan# 791
Delta R.T. -0.011 min
Lab File: BN029960.D
Acq: 23 Feb 2024 17:16

Tgt Ion:	82	Resp:	4095
Ion Ratio	Lower	Upper	
82	100		
128	42.2	31.6	47.4
54	49.0	38.2	57.4

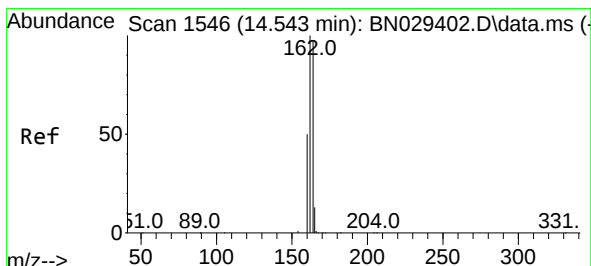
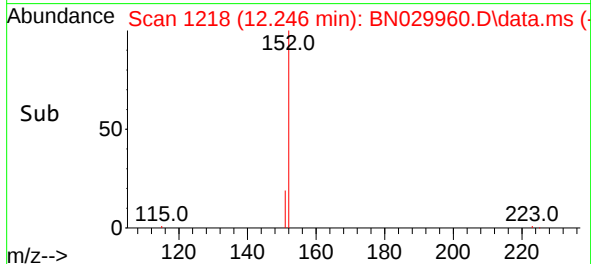
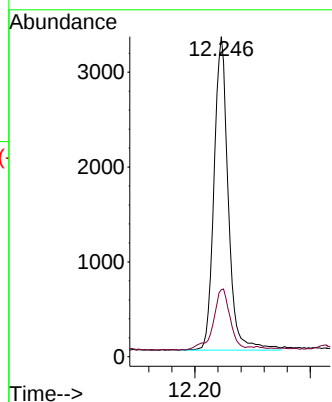
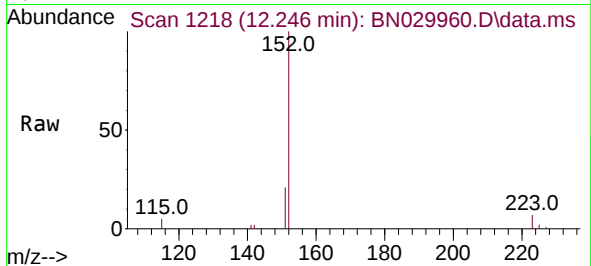




#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.246 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN029960.D
Acq: 23 Feb 2024 17:16

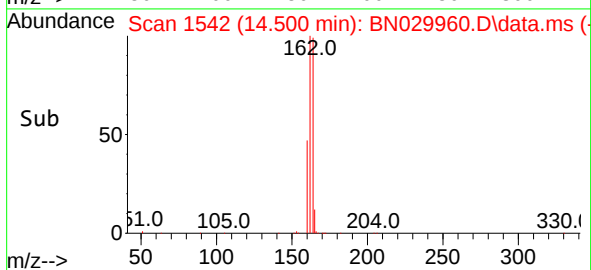
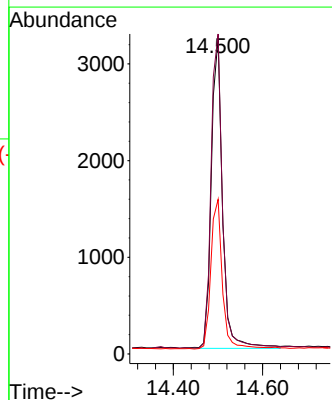
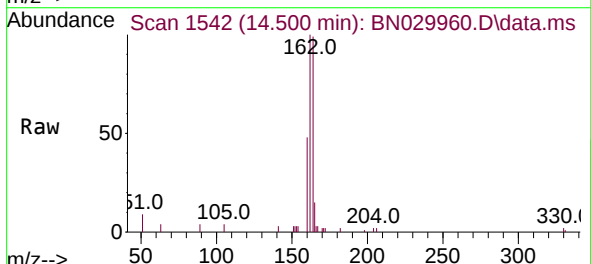
Instrument :
BNA_N
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BP-VPB-195-GW-840-842

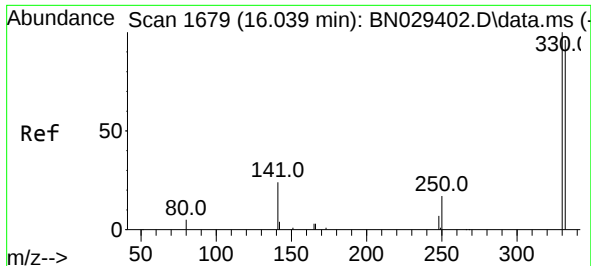
Tgt Ion:152 Resp: 5644
Ion Ratio Lower Upper
152 100
151 23.1 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. -0.011 min
Lab File: BN029960.D
Acq: 23 Feb 2024 17:16

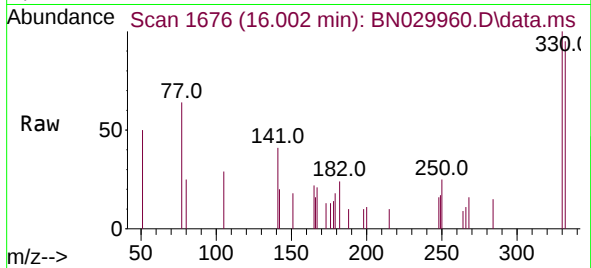
Tgt Ion:164 Resp: 5595
Ion Ratio Lower Upper
164 100
162 101.2 82.6 123.8
160 48.9 41.5 62.3



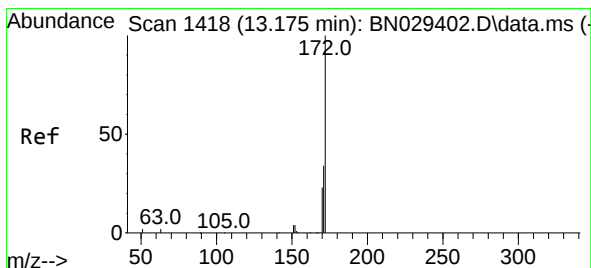
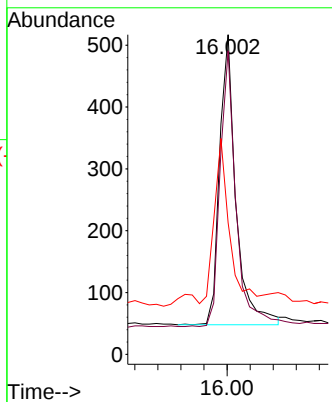
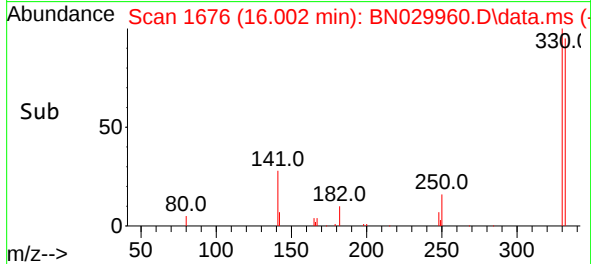


#14
2,4,6-Tribromophenol
Concen: 0.514 ng
RT: 16.002 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BN029960.D
Acq: 23 Feb 2024 17:16

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-840-842

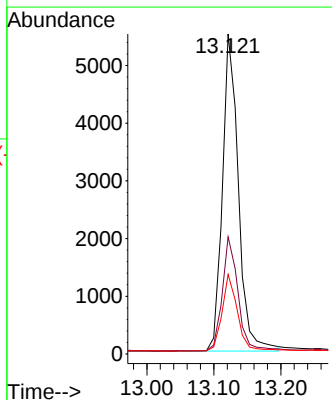
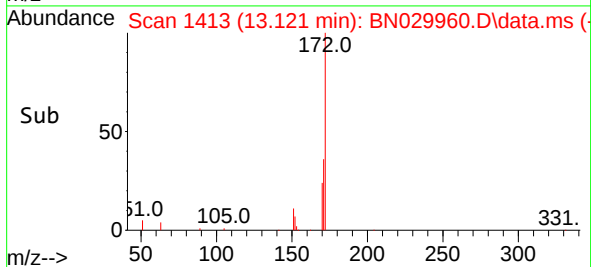
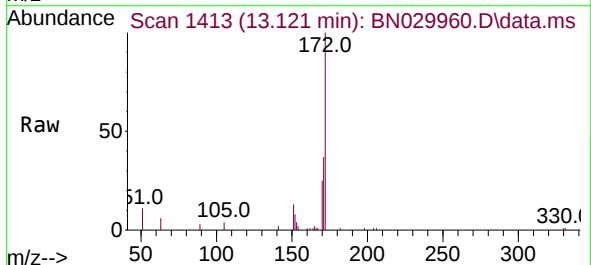


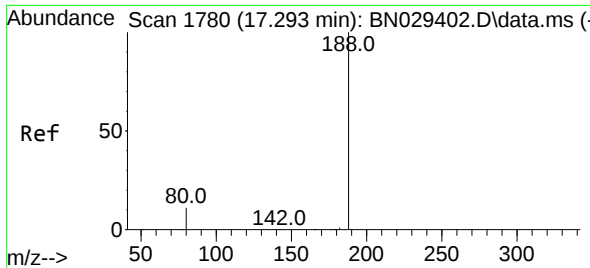
Tgt Ion:330 Resp: 922
Ion Ratio Lower Upper
330 100
332 92.6 76.0 114.0
141 53.4 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.121 min Scan# 1413
Delta R.T. -0.011 min
Lab File: BN029960.D
Acq: 23 Feb 2024 17:16

Tgt Ion:172 Resp: 9114
Ion Ratio Lower Upper
172 100
171 36.6 28.0 42.0
170 24.9 18.7 28.1

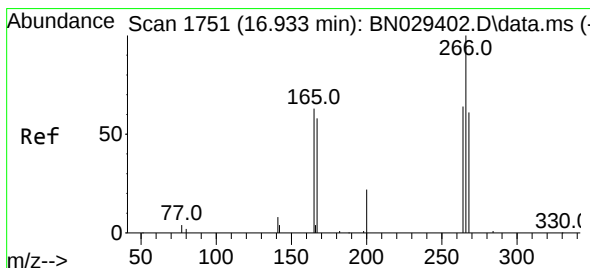
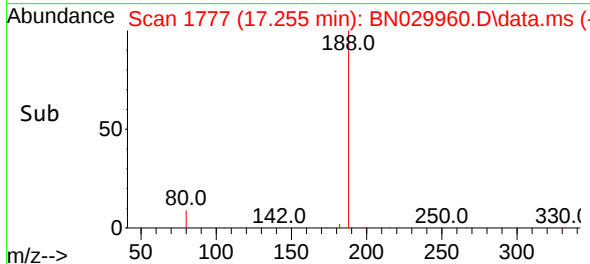
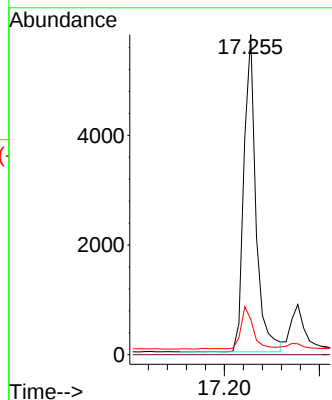
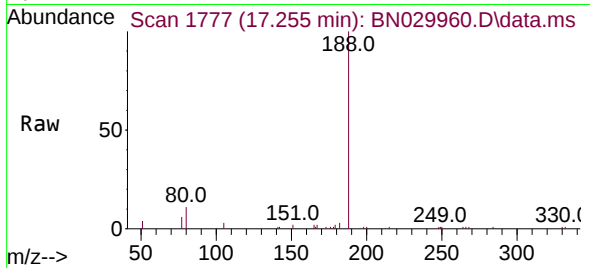




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029960.D
Acq: 23 Feb 2024 17:16

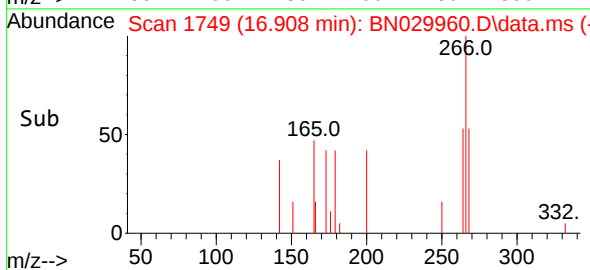
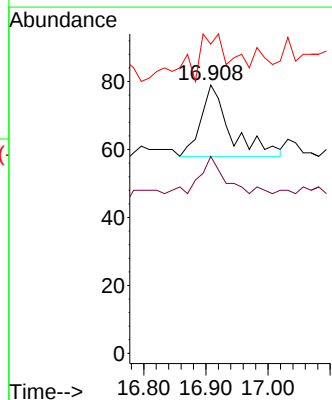
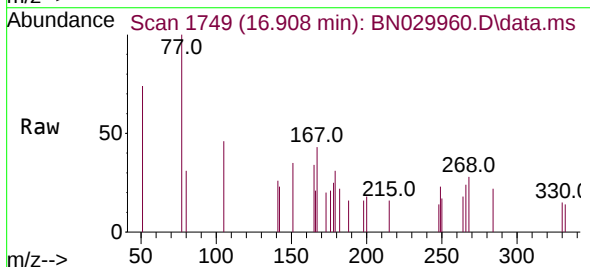
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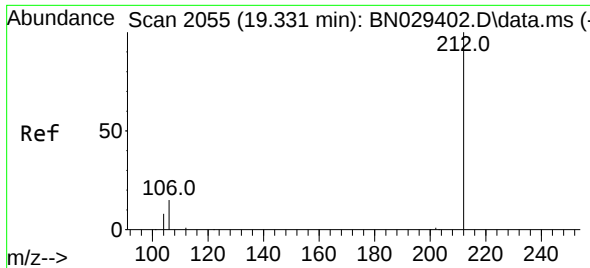
Tgt Ion:188 Resp: 10242
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 10.0 15.0



#24
Pentachlorophenol
Concen: 0.029 ng
RT: 16.908 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BN029960.D
Acq: 23 Feb 2024 17:16

Tgt Ion:266 Resp: 69
Ion Ratio Lower Upper
266 100
264 42.0 50.8 76.2#
268 42.0 51.5 77.3#

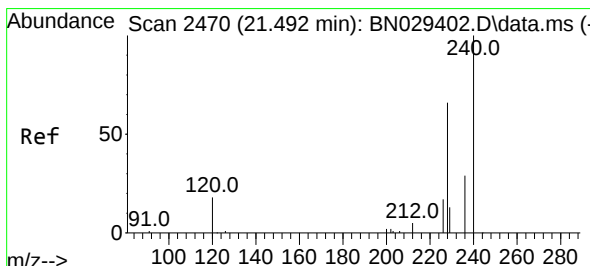
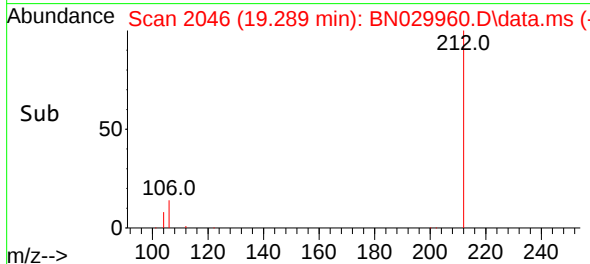
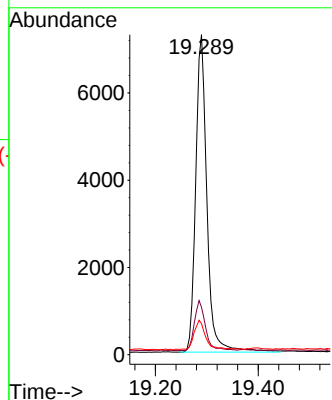
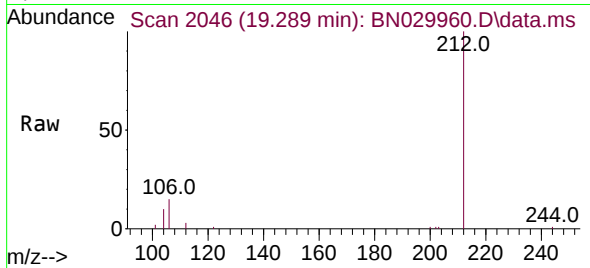




#27
Fluoranthene-d10
Concen: 0.447 ng
RT: 19.289 min Scan# 2055
Delta R.T. -0.009 min
Lab File: BN029960.D
Acq: 23 Feb 2024 17:16

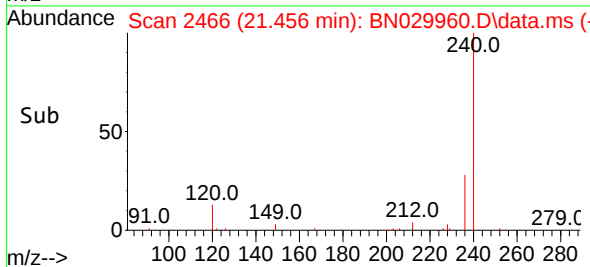
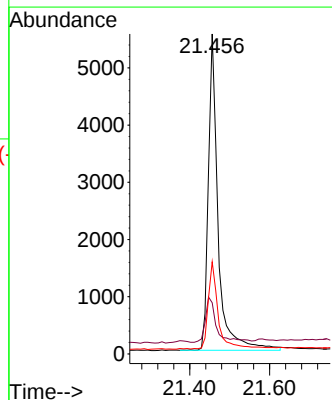
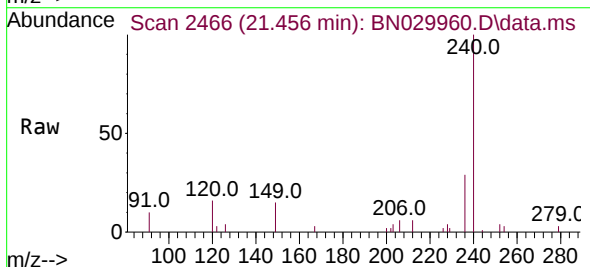
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-840-842

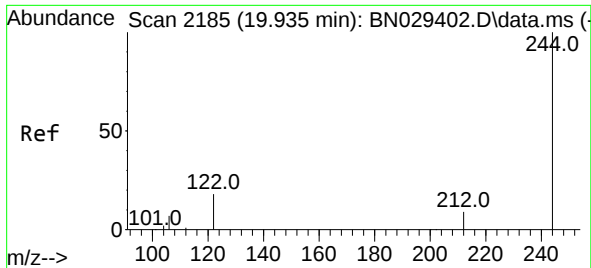
Tgt Ion:212 Resp: 11091
Ion Ratio Lower Upper
212 100
106 15.5 13.2 19.8
104 9.8 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BN029960.D
Acq: 23 Feb 2024 17:16

Tgt Ion:240 Resp: 9408
Ion Ratio Lower Upper
240 100
120 16.0 16.7 25.1#
236 28.8 23.9 35.9

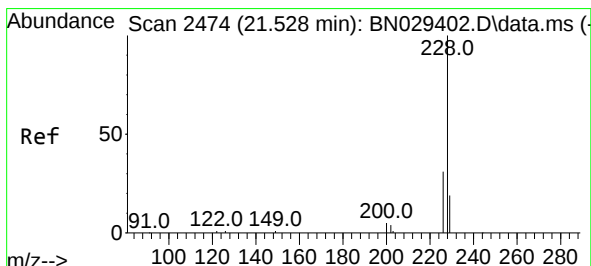
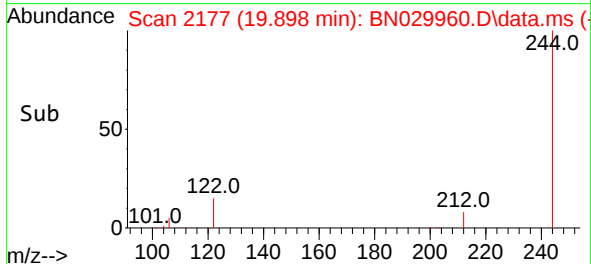
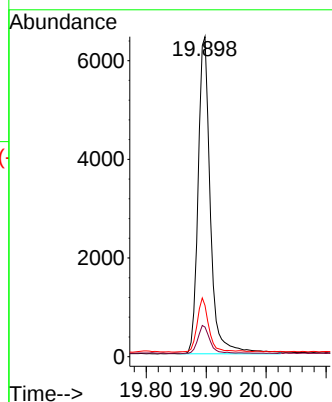
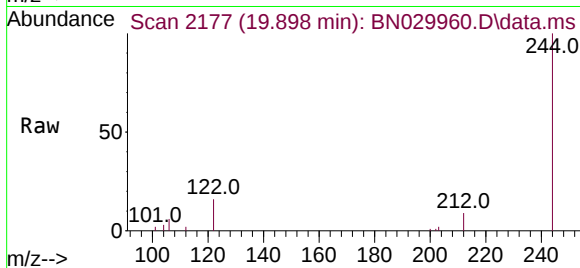




#31
 Terphenyl-d14
 Concen: 0.391 ng
 RT: 19.898 min Scan# 2185
 Delta R.T. -0.009 min
 Lab File: BN029960.D
 Acq: 23 Feb 2024 17:16

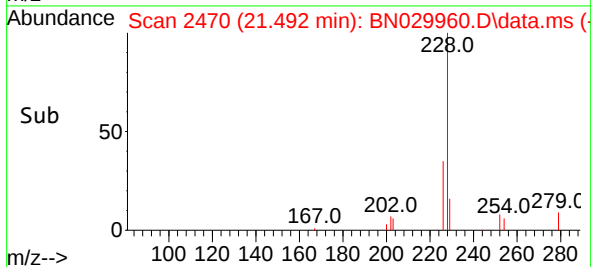
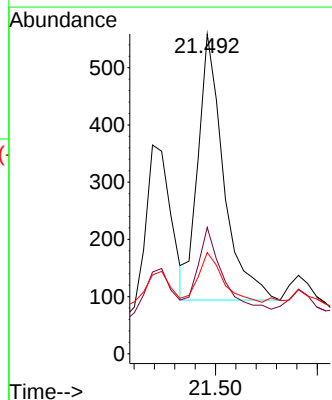
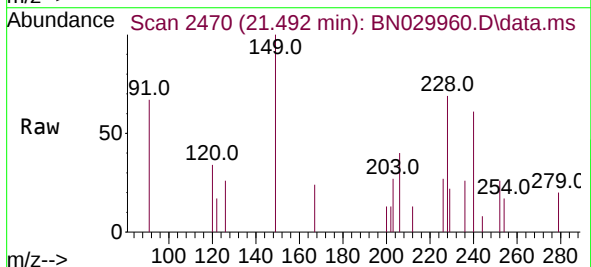
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-GW-840-842

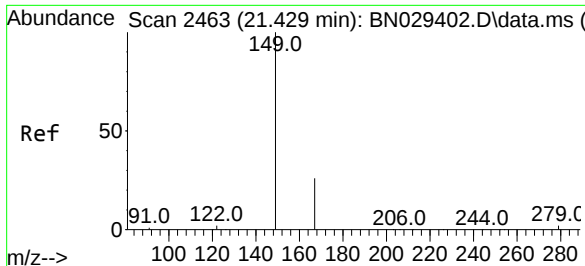
Tgt Ion:244 Resp: 9132
 Ion Ratio Lower Upper
 244 100
 212 9.3 8.2 12.4
 122 16.0 15.6 23.4



#33
 Chrysene
 Concen: 0.022 ng
 RT: 21.492 min Scan# 2470
 Delta R.T. -0.009 min
 Lab File: BN029960.D
 Acq: 23 Feb 2024 17:16

Tgt Ion:228 Resp: 813
 Ion Ratio Lower Upper
 228 100
 226 39.5 24.9 37.3#
 229 31.7 15.9 23.9#

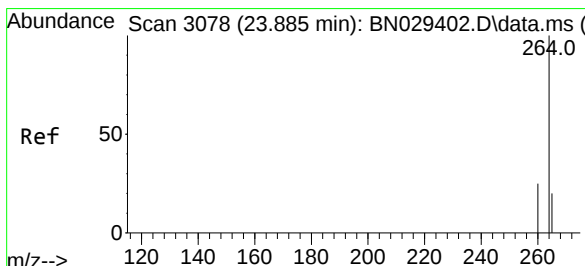
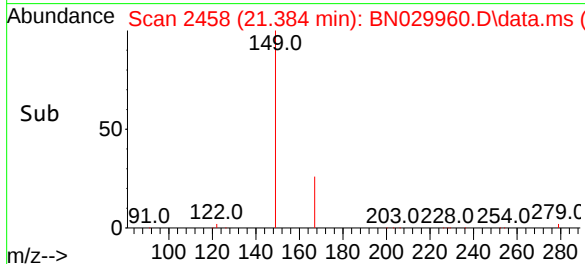
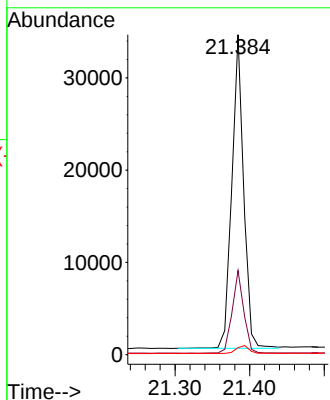
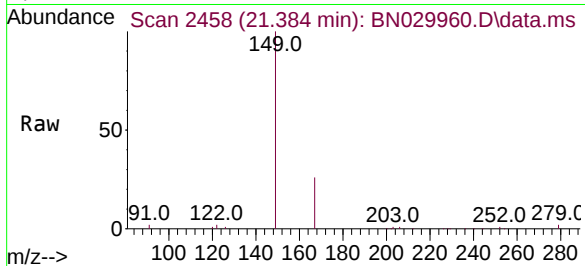




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.699 ng
 RT: 21.384 min Scan# 2463
 Delta R.T. -0.009 min
 Lab File: BN029960.D
 Acq: 23 Feb 2024 17:16

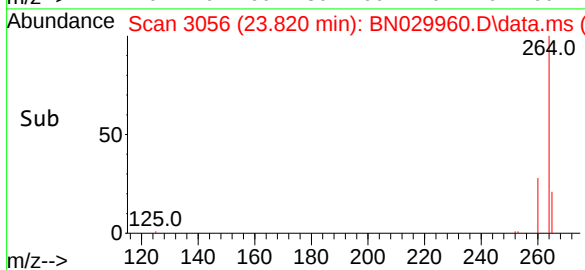
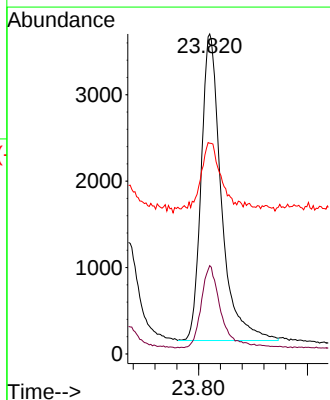
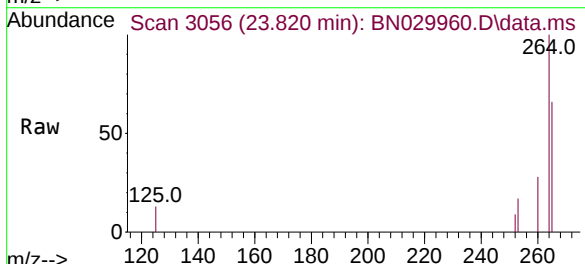
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-GW-840-842

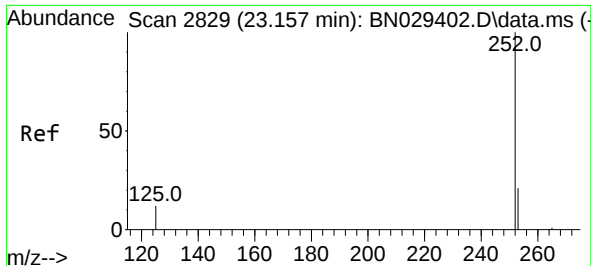
Tgt Ion:	149	Resp:	37207
Ion Ratio	Lower	Upper	
149	100		
167	25.9	20.1	30.1
279	2.9	2.5	3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.820 min Scan# 3056
 Delta R.T. -0.012 min
 Lab File: BN029960.D
 Acq: 23 Feb 2024 17:16

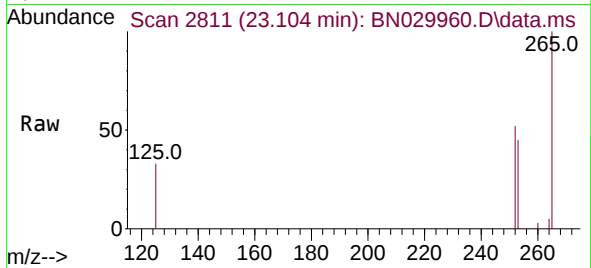
Tgt Ion:	264	Resp:	9120
Ion Ratio	Lower	Upper	
264	100		
260	27.6	21.2	31.8
265	65.8	41.5	62.3



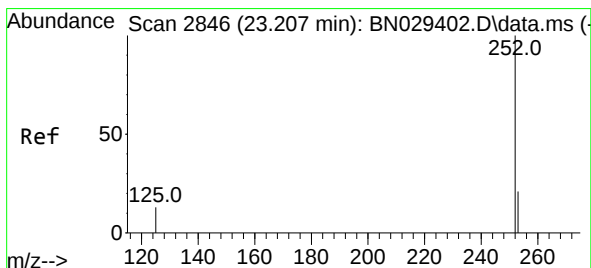
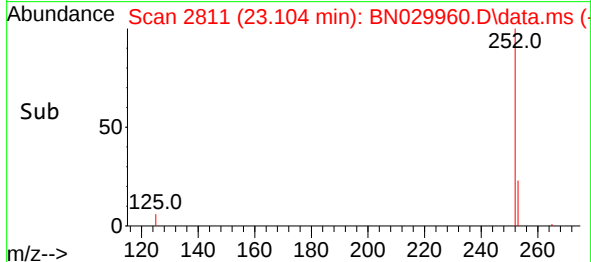
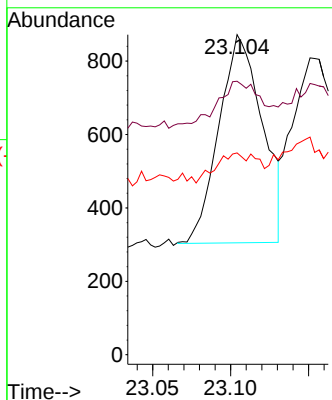


#37
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 23.104 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN029960.D
Acq: 23 Feb 2024 17:16

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-840-842

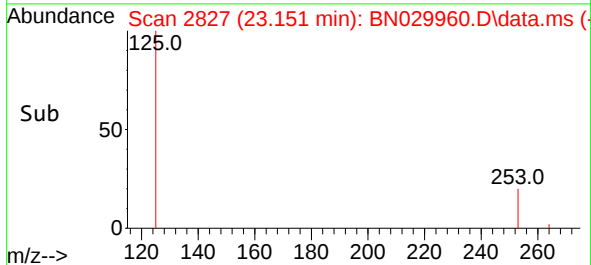
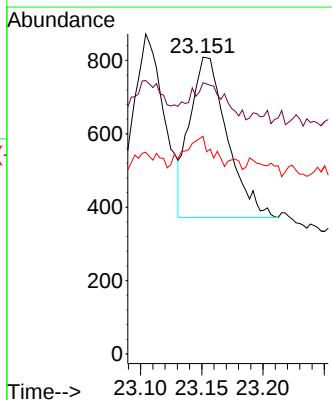
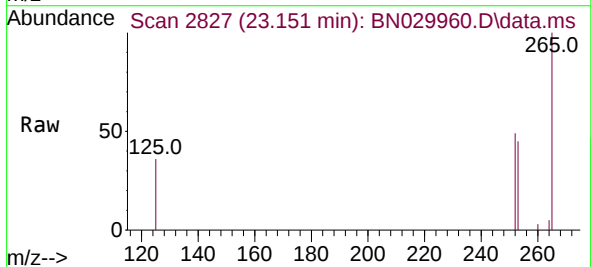


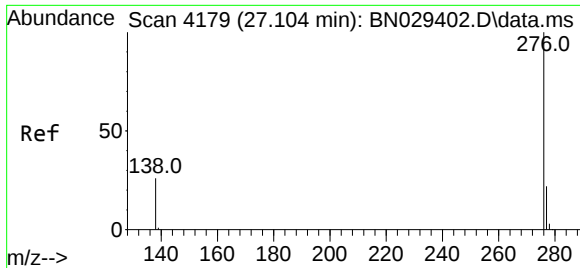
Tgt Ion:252 Resp: 1097
Ion Ratio Lower Upper
252 100
253 85.4 21.7 32.5#
125 63.1 13.3 19.9#



#38
Benzo(k)fluoranthene
Concen: 0.027 ng
RT: 23.151 min Scan# 2827
Delta R.T. -0.009 min
Lab File: BN029960.D
Acq: 23 Feb 2024 17:16

Tgt Ion:252 Resp: 930
Ion Ratio Lower Upper
252 100
253 91.3 21.8 32.8#
125 73.3 13.9 20.9#





#41

Benzo(g,h,i)perylene

Concen: 0.021 ng

RT: 27.025 min Scan# 41

Delta R.T. -0.003 min

Lab File: BN029960.D

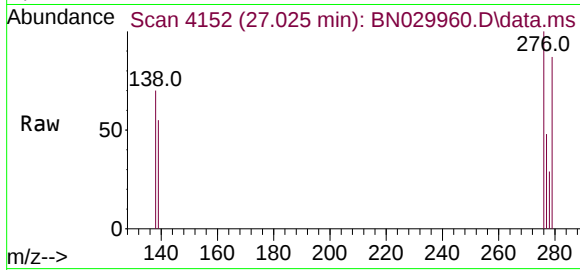
Acq: 23 Feb 2024 17:16

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-GW-840-842



Tgt Ion:276 Resp: 735

Ion Ratio Lower Upper

276 100

277 48.5 19.4 29.2#

138 70.1 23.5 35.3#

